1

File No. AFD-336-FGL69

MYSORE GOVERNMENT SECRETARIAT

Notes/Correspondence/Collection

Department AF Section Forest 'B'

Subject:— Refn. of Vasada Valley Pineapple Growers Co-operative Society and sirs for grant of land

Earlier References:—

Later References:— AFD-311-FGL70

(Classification A/B/C)

11/8/70

Notes Pages 22

Correspondence Pages 98

For/Not for Section note Book

To be destroyed after

6 8 69
11 8 70

A
1/4/04

Vatsala
ಅಧೀನ ಕಾರ್ಯದರ್ಶಿ,
ಅರಣ್ಯ, ಪರಿಸರ ಮತ್ತು ಪರಿಸರ ಶಾಸ್ತ್ರ ಇಲಾಖೆ,
(ಅರಣ್ಯ-ಬಿ).

Indexed

12/10/71

for Under Secretary to Government.

2

DOCKET SHEET

Department: A&F

File No. AFD 336 FGL 63

Section Forest 'B'

Volume:

SUBJECT

Representation of M/s. Varada Valley pineapple Growers' Co-operative Society Ltd., Banavasi, Sirsi Tq. for grant of land for pineapple cultivation

Number and date 1	To whom sent 2	Instructions 3
19-6-70	F. D.	
R. & I. SECTION N.D. No. Date 19 JUN Section		
Urgent RBJ 19/6		
Secy., A. & F. No. 5131 Date 1/8/70.	DS.	

[P.T.O.

M.70/Lme
Sel

3

Minister for Finance,
Planning and Youth Welfare.

SECTION
A.&F.D.
No.
Date 11 AUG 1969
Section 4374/FB/69

GOVERNMENT OF MYSORE

VIDHANA SOUDHA,
BANGALORE-1.

August 6, 1969

MINUTE

28705

NOTE I

The people of Sirsi Taluk in North Kanara District propose to take up pine apple cultivation on an extensive scale through cooperative efforts. They propose organising a Cooperative Society by name VARADA VALLEY PINEAPPLE GROWERS COOPERATIVE SOCIETY LTD., BANAWASI. The Chief Promoter of the proposed Society, Shri C.C.Mulgund, a progressive farmer and industrialist, has prepared a detailed report on the Project of pineapple cultivation in Sirsi Taluk for the materialisation of which an extent of 657 acres and 13 guntas near Banawasi,Sirsi Taluk, is required. It appears it is a compact area comprising S.No 1 of Madhuralli, S.No 12 of Gudnapur,S.No 164 of Kadagod, S.No.258 of Ajjarani villages. Barring S.No.12 of Gudnapur which is a forest land, other Survey numbers are all minor jungles. The site has been selected under the guidance of experts. The Chief Promoter writes that the area referred to above may be released in favour of the Society, free of occupancy price, on a long term lease of 99 years subject to the conditions specified by him in his letter dated 21-7-1969.

Sri R

As this is a laudable venture in the agro-industrial sector, holding out a promising future for the area which is economically backward in the Taluk, Hon'ble Minister of State for Forests may kindly consider the request for release of land sympathetically.

Min. of St. Forests.
No. MF. 451/69
Date. 11.8.69.

The representation is enclosed.

(Ramakrishna Hegde)

Dy. Secy., A&F
No. 1530
11/8.

Hon'ble Minister of State
for Forests w/cs.

NOTE-II

Secretary to get the report from CCF regarding the suitability of land etc.
8/8/69

M. G. S. | Subject: | File No. AF-D-336-FeL69 (4)

WD 01050—GPB—8,00,000 13-12-65

Sl. No 1. Report of Varada Valley Pineapple Growers Co-op. Society Ltd. first presented to the M(F) on 31.7.69.

NOTE-III

Minutes of the Minister for Forests.

(i) "Secretary to examine in detail the scheme of the Society to take up pineapple cultivation and whether the land asked for is in several S.Nos and in continuity and Report from C.C.F may be got regarding availability etc."

S.N. A4
Dated 31.7.69
M(F)

(1) Sl. No. 2 (ii) A draft letter (1) to C.C.F is put up for approval.

11/8.

Done
13.8.69
ISSUED
Dated 16/8/69

Sl. No. 3. letter No. BS/9 FL 72/69-70 dated 10.9.69 from the C.C.F BM.

NOTE-IV

(iii) We may await the alternate proposal from the Society.

16/9

18-9-69

Subject: File No. AFD.336.FG.L69 5 M. G. S.

S.W.H. Repn. dated 20.9.69 of m/s Varada Valley Pine-apple Growers Coop. Society Ltd Banavasi

NOTE-V

Minutes of the Minister for Forests:

"Secretary to put up after a report from C.C.F"

Sd/- AH

Dated 24.9.69.

A draft letter to C.C.F is put up for approval

26/9

26/9

26/9

ISSUED

Dated 29/9

M. G. S. | Subject: | File No. AFD 336 Rc LG 6

WD 01050—GPB—8,00,000 18-12-65

Minister for Finance,
Planning and Youth Welfare.

M129/S.2

VIDHANA SOUDHA,
BANGALORE-1.

Sept. 24, 1969

NOTE-VI

MINUTE

Further to my earlier Minute on grant of land to the proposed Varada Valley Pineapple Growers' Cooperative Society Ltd., Banawasi, Sirsi Taluk (N.K.) I am sending herewith the application of the Chief Promoter for grant of S.No.1 of Madhuralli, S.No.12 of Gudnapur, S.No 258 of Ajjarani and 164 of Kadagod villages in Sirsi Taluk for pineapple cultivation with the standing trees before Deepavali to enable the Society to start further activities. The Society is prepared for the outright purchase of the trees at a fair valuation to be made by the Forest Department and recovery of the amount in annual instalments. As this is a feasible project with good potentialities for development and in view of the urgency, the request of the Society for early release of the lands with standing trees may please be considered sympathetically.

The representation is enclosed.

(Ramakrishna Hegde)

Min. S.4) 16.10.69

Hon'ble Minister of State for Forests w/cs.

Dy. Secy., A & P
No. 2242
21/10/69

NOTE-VII

(i) Secretary to get the report from CCF urgently and put up

29/9/69

ALUR HANUMANTHAPPA
Min. of State for Forests

(ii) A draft letter to C.C.F. is put up for approval

Issue today

29-10-69

ISSUED
Dated 29/10

CMU/O 2181/69 (C.I.T File) 69-70.

OFFICE OF THE CHIEF MINISTER

NOTE

Dated Oct.27, 1969.

6140/7 B/69

R. & I. SECTION A. & F. D. No. 38925 Date 29 OCT 1969

Note-8

(i) The letter dated 1-10-1969 and the letter dated 21-7-69 addressed to the Forests Minister and its enclosure about the grant of land on lease in the Forest in Sirsi Taluk, received from Shri C.C. Mulgund, Chief Promoter of the proposed Varada Valley Pineapple Growers' Coop: Society Ltd., Banawasi, are placed below.

(ii) The Chief Minister desires to have a report in the matter. It is therefore requested that a report may be made available to this Office for submission to the Chief Minister.

For perusal in dak

29/10

Min. Forests)

(J.C.LYNN)
Private Secretary to the
Chief Minister.

P.S. to Min. for Forests.
29-10-69

The Secy. to Govt.,
A & F Department.

Note-9

Secretary to get the report from CCF and put up.

30/10/69

And

R. & I. SECTION A. & F. D. No. Date 3 NOV 1969 Section

Min. of Co. Forests.
31.10.69

M.F. 567/69. Dt. 31.10.69.

Note 10

Ref Note 8 & 9.

(1) A separate file is set up to the alternate proposal

of the Society, has already been called for from C.C.F on 29.x.09. We may await the same with ref. to para 2 of note 8 a draft note for submission to C.M is put up for approval.

6/11

Subject :

File No. 336 FA L 69

M. G. 9

WD 01050 —GPB—8,00,000 13-12-65

Note-12

Ref. Note-11.

The file may marked LPS LM (F) branch as the legislation class

6/12/69

P.S. to Min. for Forests

Min. of St. Forests.
No. F1901 Date. 8.12

Note-13

Report of CCF may be put up.

15/12/69

ALUR HANUMANTHAPPA
Minister of State for Forests

Dy. Secy., A & F
No. 6487
16/12

Dy. Secy A&F)

17/12/69

Sl. No. 11. letter No. B3. GFL 742/69-70 dated 8.12.69 from the C.C.F. B'lore.

Note-14

(i) M/s Varada Valley Pineapple Growers Co-operative Society Ltd. Banavasi, in their representation dated 20.9.69, had requested to grant them 824 acres 8 guntas in several S. Nos of Banavasi and Tigri

Alur 17/12

M. G. S. | Subject: | File No. AFD 336 FGL 69

10

No. AFD 336 FGL 69. Note 10 (Contd)

Subject: Representation of M/s Varada Vallay Pineapple Growers' Cooperative Society Limited, Banavasi, Sirsi Taluk for grant of land for pineapple cultivation.

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2) The Chief Promoter Sri C.C.Mulgund of M/s. Varada Valley Pineapple Growers Cooperative Society Limited, Banavasi represented on 31-7-69 and 6-8-69 through the Minister for Finance, to grant on lease basis nearly 657 acres 13 guntas of forest land in Several S.Nos. near Sirsi Taluk, North Kanara District, to take up Pineapple cultivation on an extensive scale.

3) The Chief Conservator of Forests on 16-8-69 was requested to send a report regarding the availability of land. On 20-9-1969 the Chief Promoter represented to Government that the area originally requested for is not suitable for pineapple cultivation as opined by experts. He has therefore requested to grant nearly 943 acres in a compact area, on the right bank of Varada river coming in Sirsi and Sagar Forest Divisions. The Chief Conservator of Forests on 29-9-69 has been requested to send a report in the matter. The report of Chief Conservator of Forests is yet awaited. Refer notes 8 and 9

(S.Balasubramanyan) 13/11/69
Under Secretary to Government,
Agriculture & Forest Department.

① 16
② Note!
③ 10
④ 17
⑤ 13

Secy., A. & F.
No. 5602
Date 14/11/69

Secretary A & F.

14/11

Min. of St. Forests
No. F1698 15/11

Min (Forests)

26/11/69

Note-11

Further date may be fixed for the discussion during first week of December 1969.

1/12/69

Dy. Secy. A & F
No. 6254
1/12

ALUR HANUMANTHAPPA
Min. of State for Forests.

Shri H.K.R.
2-12-69

Dy. Secy (A & F)

1/12/69

villages of ~~Sirsi~~. Sirsi Tq (N.K.Dist) for pine apple cultivation.

(2) The D.F.O Sirsi & the C.F. Kanara Circle, Dharwar have reported that an area of 791 acres 4 guntas is available for grant to the Society on lease basis for a period of 10 years in the first instance as the area is fit for pine apple cultivation with sparce tree-growth (about 25 trees per acre). The area is situated on right bank of the Varada River. It is reported that an area of 119 acres 10 guntas in Heelikyppa village of Sorab Tq requested by the Society lies with Revenue Deptt.

(3) The C.C.F however is not agreable to release the said area and recommended to reject the request of the society for the following reasons:-

(i) Varada river is the main distributary to the Tungabhadra River. The sedimentation survey report reveals that the loss of Tungabhadra reservoir in dead storage is 50% and that the live storage is 13.38% during the first 10 years (from 1953 to 63) due to sedimentation.

Subject :

File No. AFD.336FGL69

12

M. G.

WD 01050—GPB—8,00,000 13-12-65

(ii) At the sixth meeting of the standing committee for soil conservation in the catchment of River valley Project, held on 19.9.69 at Bombay (copy of Minutes of the meeting attached) it was observed "that the committee was greatly concerned at the incidence of deforestation in the catchment area which large investments were being proposed for afforestation and other soil conservation measures".

(iii) The release of this large extent of land in the catchment area and clearing the same for pine apple cultivation will further lead to serious soil erosion and thus carry away silt and deposit in Tungabhadra Dam and lessen the life of the dam constructed at a huge cost.

(4) The reasons assigned by C.C.F for rejecting the request of the society appears to be technical. In view of the same, it is necessary to get the opinion of P.W.D before any action is taken. The file may be referred to P.W.D to offer their opinion in the matter.

Note 1 to 13 may kindly be perused. The file is submitted with ref. to Note 13.

23/12/69

20/12

Secy. A & F

Secy. A & F
Date 660
24.12.69
Min. of St. Forests.
MFP No. 1966 Date 26/12/69

Secretary (A & F) Min. Forests CCF to discuss

25/12

Dy. Secy. (A & F) Crystd. 31/12/69

From prepage.

Dy. Secy., A & F
No. F. 19
2.1.1970

2/1/70

P.S. to MW (Forests) Notes

Secy., A. & F.
No. F19 Date 3/1/70

Cabinet note may be prepared with the leave conditions pertaining to Karnataka Print processing Corporation Limited.

30/1/70.

ALUR HANUMANTHAPPA
Min. of State for F. & A.

Secy., A. & F.
No. 685
Date 30/1

Secy (A&F)

DS) 30/1

30/1/70

NOTE 6

(1) Sl. No. 12
p. 53-50-cl

A draft cabinet note is put up for approval
9.2.70

6/2

~~DMR departments~~ and FD may be consulted

9/2

Dy. Secy., A & F
No. F. 747
9/2/70

DS) Secy. (A&F)

NOTE 7 9/2/70

For remarks

9/2

Secy., A. & F.
No. 908
Date 9/2/70

Dy. Secy. F.D.
No. 1091 Date 9/2

DS (WKS) FD

FD. 183. Ant. W2. 70.

FD 183/70

6 Note 8

14

This was discussed in FM's room today. Minister of Forests, Secretary, A&FD, CCF, and myself were present.

2. It was explained by the CCF that Pineapple cultivation would normally be on the contours, and that the growth of Pineapples could not be equated with other types of agriculture, so far as soil erosion is concerned. It was felt that if properly cultivated, there would be no detriment to the soil conditions.

3. In view of this, the technical objection raised earlier by the CCF does not survive.

4. With regard to the period of lease, lease amount and other conditions, FD would suggest that the lease amount be fixed at Rs.5 per acre for the first ten years, at Rs.10 per acre for the next five years, and thereafter Rs.20 per acre till the conclusion of the lease period. Under paragraph 3(v), the penal provisions in respect of proper utilisation of the land should be made more stringent, as is usually done, and it should provide for revocation of the lease in the case of non-use or diversion of use to other purposes.

5. Subject to these conditions, FD agrees to the proposal.

Mani Narayanswami
(Mani Narayanswami)
Secretary,
Finance Department.
9-3-1970

Sy. 908
4/3/70

Note 7.

Secy A&FD P.W.D. may please see the Draft Cabinet note & note 5 onwards for fin remarks

OD 25 pgs
11. 3. 70

Secy. P.W.D.

Note 8.

File is returned herewith as desired.

1944 16/3

US (Fmr)
Sri. Balasubramanian

4
3/6

3/6

NOTE - 9 -

As directed by the Minister for Forests at the meeting held in the Chambers of the Minister for Finance today 3-6-70, the file relating to Pineapple Cultivation in Varada Valley is withdrawn and submitted. It was further directed that the terms & conditions should be the same as proposed for the DLF Housing & Construction Private Ltd and subject to clearance by PWD.

Submitted as directed.

3/6/70

Secy. A&F.

DS) Min (Fors)

3/6/70

NOTE II

Cabinet note approved.

This may be brought before the Cabinet meeting on 4/6/70

3/6

3/6/70
ALUR HANUMANTHAPPA
Min. of State for Forests.

Min. of St. Forests.
No. 1083 Date. 3/6

C.227/70
3.6.70

C.S)

/SECRET/ /1970/ /NO.AFD.336.FGL.69/

CABINET NOTE.

Subject:- C.227/70:

Representation of M/s Varada Valley Pineapple Growers Cooperative Society Ltd., Banavasi to grant 791-4-0 acres in Banavasi and Tigni Villages of Sirsi taluk, North Kanara District for pineapple cultivation on large scale -

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1. The Chief Promoter Sri C.C. Mulgund of M/s Varada Valley Pineapple Growers Cooperative Society Ltd., Banavasi represented on 31st July, 1969 to the Minister for Forests for grant of 657-13 acres of land in several villages of Sirsi Taluk, North Kanara District for pineapple cultivation. They have submitted a detailed report on the financial requirements of the project and have requested to grant land on lease for 99 years. The Minister for Forests has minuted on the representation as follows:-

> "Secretary to examine in detail the scheme of the society to take up pineapple cultivation and whether the land asked for is in several S.Nos. and in continuity and report from Chief Conservator of Forests may be got regarding availability etc."

2. The Chief Conservator of Forests was requested to send a report in the matter. In the meanwhile the society on 20th September, 1969 represented to Government that the area requested is not suitable for pineapple cultivation as opined by experts and hence requested to grant nearly 943 acres in a compact area, on the right bank of Varada river coming in Sirsi and Sagar Forest Divisions. The C.C.F., was requested to send a report in the matter on 29th September, 1969.

3. The C.C.F., has sent a report in the matter on 8th December, 1969.

The District Forest Officer, Sirsi and the C.F., Kanara Circle Dharwar have reported that an area of 791-4 acres as detailed below is available for grant to the society and the land is said to be fit for pineapple cultivation.

Taluk	Village	F.S.No.	Extent.		Total
			Proper Forest	Minor Forest.	
			A. G. A.	A. G. A.	A. G. A.
Sirsi	Banavasi	166A1	217-37-0	126-36-0	344-33-0
	Tigni	162	-	8-14-0	8-14-0
	"	163	-	8-08-0	8-08-0
		164	-	8-26-0	8-26-0
		171	-	11-01-0	11-01-0
		172	-	9-37-0	9-37-0
		173	-	290-06-0	290-06-0
		229A	82-05-0	27-34-0	109-39-0
		Total	300-02-0	491-02-0	791-04-0

Contd...2..(P.T.O.)

They have recommended to grant to the society on lease basis for a period of 10 years in the first instance as the area is fit for pineapple cultivation.

4. The Chief Conservator of Forests, however, is not agreeable to release the said area and has recommended to reject the request of the society for the following reasons:-

(i) Varada River is the main distributary to the Tungabhadra River. The sedimentation survey report reveals that the loss of Tungabhadra Reservoir in dead storage is 50% and that the live storage is 13.38% during the first 10 years (from 1953 to 1963) due to sedimentation.

(ii) At the sixth meeting of the standing committee for soil conservation in the catchment of River Valley Project held on 19th September, 1969 at Bombay it was observed that the committee was greatly concerned at the deforestation in the catchment area when large investments were being proposed for afforestation and other soil conservation measures.

(iii) The release of the large extent of land in the catchment area and clearing the same for pineapple cultivation will further lead to serious soil erosion and thus carry away silt and deposit in Tungabhadra Dam and lessen the life of the dam constructed at a huge cost.

5. When the file was submitted to Minister for Forests on 30th January, 1970 he has minuted as follows:-

"Cabinet note may be prepared with the lease conditions pertaining to Kamadenu Fruit Processing Cooperative Society".

6. In G.O.No.AFD 183 FGL 69, dated 3rd December, 1969 an extent of 908-17-0 acres in several Survey Numbers in Sirsi Taluk was granted in favour of Kamadenu Dairy and Fruit Processing Society Ltd., Sirsi for pineapple cultivation dairy purposes subject to the following conditions:-

1) The period of lease shall be 30 years. The lease is renewable for a further period of 30 years subject to the terms and conditions as mutually agreed upon;

2) The tree-growth should be removed by the Forest Department before the area is leased to the Society;

3) The rent to be recovered by the society should be as under:-

(i) In respect of the land intended for fruit cultivation.

(a) For the first 4 years Rs.2/- per acre per year;

(b) For the next 5 years Rs.5/- per acre per year;

(c) For the next 5 years Rs.10/- per acre per year;

(d) There after Rs.20/- per acre per year, subject to revision after 20 years;

Contd....3....

(ii) In respect of land intended for factory for establishing processing plant and for other allied works at Rs.150/- per acre or part of an acre per year;

(iii) The rent now fixed is liable for revision at any time Government consider necessary;

(iv) The land with all improvements thereon should revert to Government on the expiry of lease period or whenever the society feels that the area is no longer required by them and no compensation for structures or for improvements to the land, if any, will be paid by the Department.

(v) The land should be utilised only for the purpose of cultivation of pineapple.

(vi) The boundaries of the leased area should be kept free from rank vegetation and the boundary area should be kept in good repair;

(vii) The lessee should provide adequate fire protection measures as directed by the Forest Department;

(viii) The Society shall deposit with the Forest Department Rs.5,000/- either in cash or the Bank Guarantee of Schedule Bank for an equal amount for fulfilment of all the conditions satisfactorily and in case of breach of any of the conditions, the Department is at liberty to impose penalty to a maximum of Rs.1,000/- in the case of each breach, and for the forefeiture of the S.D.

7. Finance Department when consulted have opined thus -

"1. This was discussed in FM's room today. Minister for Forests, Secretary, Agriculture and Forest Department, Chief Conservator of Forests and myself were present.

2. It was explained by the C.C.F., that pineapple cultivation would normally be on the contours and that the growth of pineapples could not be equated with other types of agriculture, so farms soil erosion is concerned. It was felt that if properly cultivated, there would be no detriment to the soil conditions.

3. In view of this, the technical objection raised earlier by the C.C.F., does not survive.

4. With regard to the period of lease, lease amount and other conditions, F.D., would suggest that the lease amount be fixed at Rs.5/- per acre for the first ten years, at Rs.10/- per acre for the next five years, and thereafter Rs.20/- per acre till the conclusion of the lease period. Under paragraph 3(v), the penal provisions in respect of proper utilisation of the land should be made more stringent, as is usually done, and it should provide for revocation of the lease in the case of non-use of diversion of use to other purposes.

Contd...4....(P.T.O).

5. Subject to these conditions, Finance Department agrees to the proposal ".

8. Orders of the Cabinet are solicited for grant of 791 acres 4 guntas in several survey numbers of Sirsi Taluk, North Kanara District for pineapple cultivation to M/s Varada Valley Pineapple Growers Cooperative Society Ltd., Banavasi for a period of 30 years subject to other conditions stated at para 6 above.

Sd/-
(R.A. NAIK),
Secretary to Government,
Agriculture and Forest Department.

tsv/-

3/4/70

20

SECRET

Extract from the Proceedings of the Twentieth *Meeting of the Cabinet of Ministers held at Bangalore on* 4th June 1970

NNX.12

Subject: C.227/70

Representation of M/s. Varada Velley Pineapple Growers Co-operative Society Ltd., Banavasi to grant 791-4-0 acres in Banavasi and Tigni Villages of Sirsi Taluk, North Kanara District for pineapple cultivation on large scale.

DECISION OF CABINET

Para 8 is approved.

Sd/- Veerendra Patil,
Chief Minister
(4-6-1970)

Secretary,
Agri. & Forest Dept.

Note.13

Ref. Note 12.
A draft G.O. is put up for approval
15/6 10/6/70

F.D. may also see
9/6

2) Regarding lease sent, the opinion of F.D is taken into consideration
15/6

Secy., A. & F.
No. 3669
4/6/70

Cy. Secy., A. & F.
No. 2914. 5/6

50 78
Today pl
5/6

"EXTRACT"

(Syed Basheer Ahmed)
Deputy Secretary to Government, G.A.D.

4.6.70

N.B.:—A Copy of order issued on the Cabinet decision may kindly be sent to Cabinet Section for record.

4/6/70

3) The lease conditions pertaining to Kamadhenu Dairy and Fruit Processing Coop. Society Ltd. was incorporated in the cabinet note as per the orders of the Min for Forests for being applied to this case - vide Paras 5 + 6 of the cabinet note.

4) The suggestion of F.D. for increased rates of lease rent was also included in the cabinet note at Para 7 of the CN.

The cabinet has appd. Para 8 of the conditions contained in Para 6 of the cabinet note. Hence the draft G.O. be revised as per the cabinet decision. incorporating conditions contained in Para 6 of the note. 16/6/70

A. | n/s) A. Yes. 17/6/70

SR 16/6

(5) A draft G.O. is put up for approval. F.D may advise. 18/6/70

18/6 n/s) F.D.)

mos 19/6/70 US (A&F)

P.T.O

22

AFD-336-FA-69

Note.14

A&FD may please note that the conditions suggested by FD have not been incorporated in the draft GO now proposed for issue. The conditions suggested by FD were recorded after discussions in the chambers of the Finance Minister and as such A&FD may kindly resubmit the case to the Cabinet for revision of the terms and conditions on the lines suggested by FD. In the alternative, the draft GO incorporating FD's suggestions may perhaps be circulated to the Minister for Forests, Finance Minister and the Chief Minister for their approval.

A. Mohandas Moses
(A.MOHANDAS MOSES) 14/7
Deputy Secretary to Government,
Finance Department.

Approved by FS))

3094/W2/70

3935

DS. AFD
Sri Deshpande

15/7/70
15/7/70
15/7.

Note.15.

Ref Note.14.

As suggested by F.D, a modified draft G.O, incorporating the conditions stated by F.D, narrated under para 7(3), is put up for approval.

As opined by F.D the file is to be submitted to the Minister for Forests, F.M & C.M. for their approval

DS)

20/7/70

Secy., A. & F.
No. 5131
Date 1/8/70.

Chief Min.
No. 3413
29/7/70

Min. for South Affairs
No. 1176 Date. 29/7

Dy. Secy. A & F
No. 24064
20/7

Min. of State for Forests
No. F/1304 Date. 21/7

18/7.
Mw (Forests)
F.M)
C.M)
Secy. to F

27/7/70
BALUR HANUMANTHAPPA
Min. of State for Forests.

20/7/70

(VEERENDRA PATIL)
Minister for Finance.

28/7
RAMAKRISHNA HEGDE,
Minister for Finance.

AFD. 336. FGL 69

83

The G.O. as Sl. No. 1/4 may be issued.

DS) 4/8/70

Dy. Secy., A&F
No. 4479
4/8

4/8/70 early issue

5/8/70

May be seen later B.

11/8/70

54
words
110
35 × 550
175
35
1.10
1.75
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PROCEEDINGS OF THE GOVERN ENT OF MYSORE

Sub: Forest Department - North Kanara District - Sirsi Taluk - Lease of 791-4 acres in Banavasi and Tigni Villages to M/s.Varada Valley Pine-apple Growers Cooperative Society Ltd., Banavasi for Pine-apple cultivation - Orders regarding.

ORDER NO.AFD 336 FGL 69,
DATED:BANGALORE: THE 6TH AUGUST 1970.

With reference to letter No.B3.GFL.742/69-70 dated 8-12-1969 of the Chief Conservator of Forests in Mysore, Bangalore, on the subject mentioned above, the Governor is pleased to accord sanction, for grant of 791-4 acres in Banavasi and Tigni Villages of Sirsi Taluk, North Kanara District as detailed below, on lease basis to M/s. Varada Valley Pine-apple Growers Co-operative Society Ltd., Banavasi for Pine-apple cultivation subject to the following conditions:-

District	Taluk	Village	F.S.No.	Extent A. G.
North Kanara.	Sirsi	Banavasi	166A1	344-33
		Tigani	162	8-14
			163	8-08
			164	8-26
			171	11-01
			172	9-37
			173	290-06
			229A	109-39
				791-04

TERMS AND CONDITIONS.

(I) The period of lease shall be 30 years. The lease is renewable for a further period of 30 years subject to the terms and conditions as mutually agreed upon;

(II) The tree growth should be removed by the Forest Department before the area is leased to the Society;

(III) The rent to be recovered by the Society should be as under:-

(i) In respect of the land intended for fruit cultivation:-
(a) for the first ten years @ Rs.5/- per acre per year;
(b) for the next 5 years @ Rs.10/- per acre per year;
(c) thereafter ~~@~~ Rs.20/- per acre per year, till the conclusion of the lease period.

(ii) In respect of land intended for factory for establishing processing plant and for other allied works at Rs.150/- per acre or part of an acre per year;

(iii) The land with all improvements thereon should revert to Government on the expiry of lease period or whenever the society feels that the area is no longer required by them and no compensation for structures or for improvements to the land, if any, will be paid by the Department.

contd.2.

(iv) The land should be utilised only for the purpose of cultivation of pine-apple. If the land is not utilised for the said purpose within a reasonable period, or if it is diverted to any other purpose, the order granting the land shall be revoked and the land shall be resumed by Government with all the structures, if any, put up by the society, without any payment of compensation etc.

(v) The lessee should provide adequate fire protection measures as directed by the Forest Department;

(vi) The boundaries of the leased area should be kept free from rank vegetation and the boundary area should be kept in good repair;

(vii) The Society shall deposit with the Forest Department Rs.5,000/- either in cash, or by way of a bank guarantee of scheduled Bank for an equal amount, for fulfilment of all the conditions satisfactorily and in case of breach of any of the conditions, the Department will be at liberty to impose penalty to a maximum of Rs.1,000/- in the case of each breach and also for the forefeiture of the Security Deposit in its discretion.

This order issues with the concurrence of Finance Department vide their U.O.No.3094/W2/70 dated 14-7-1970.

M. A. Srinivasan
(M.A.Srinivasan) 6-8-70
Under Secretary to Government,
Agriculture & Forest Department.

To
The Chief Conservator of Forests in Mysore, Bangalore.
The Conservator of Forests, Kanara Circle, Dharwar.
The Divisional Forest Officer, Sirsi.
Copy to:-
The Commerce & Industries Department.
The Finance Department (Budget)
The Cabinet Section. (C.227/70)

ISSUED
Dated 7.8.70

hns/6-8/

Sl. No. 14

26

Sub: Forest Department - N.K.District - Sirsi Taluk - lease of 791-4 acres in Banavasi and Tigni villages to M/S Varada Valley Pine-apple Growers Co-operative Society Ltd., Banavasi for Pine-apple cultivation - Orders regarding -

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PROCEEDINGS OF THE GOVT. OF MYSORE.

ORDER NO.AFD 336 FGL 69
DATED BANGALORE THE JULY 1970.

With reference to letter No.B3.GFL.742/69-70 dated 8-12-1969 of the C.C.F. in Mysore, Bangalore, on the subject mentioned above, the Governor is pleased to accord sanction, for grant of 791-4 acres in Banavasi and Tigni villages of Sirsi Taluk, North Kanara District as detailed below, on lease basis to M/S Varada Valley Pine-apple Growers Co-operative Society Ltd., Banavasi for Pine-apple cultivation subject to the following conditions:-

District	Taluk	Village	F.S.No.	Extent. A G
N.Kanara	Sirsi	Banavasi	166 A1	344-33
		Tigni	162	8-14
			163	8-08
			164	8-26
			171	11-01
			172	9-37
			173	290-06
			229A	109-39
				791-04

2. Terms and Conditions:

(I) The period of lease shall be 30 years. The lease is renewable for a further period of 30 years subject to the terms and conditions as mutually agreed upon;

(ii) The tree growth should be removed by the Forest Department before the area is leased to the Society;

p.t.o.

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/ 2 /

(III) The rent to be recovered by the Society should be as under:-

(i) In respect of the land intended for fruit cultivation:-

(a) for the first ten years @Rs. 5/- per acre per year;

(b) for the next 5 years @Rs. 10/- per acre per year;

(c) thereafter Rs. 20/- per acre per year, till the conclusion of the lease period.

(ii) In respect of land intended for factory for establishing processing plant and for other allied works at Rs. 150/- per acre or part of an acre per year;

(iii) The land with all improvements thereon should revert to Govt. on the expiry of lease period or whenever the society feels that the area is no longer required by them and no compensation for structures or for improvements to the land, if any, will be paid by the Department.

(iv) The land should be utilised only for the purpose of cultivation of pine-apple. If the xx reasonable period, ~~said~~ land is not utilised for the said purpose within a xx or if it is diverted to any other purpose, the order granting the land shall be revoked and the land shall be resumed ~~back~~ by Govt. with all the structures, if any, ~~made~~ put up by the Society, without any payment of compensation, etc.

(v) The lesses should provide adequate fire protection measures as directed by the ForestDepartment;

(vi) The boundaries of the leased area should be kept free from rank vegetation and the boundary area should be kept in good repair;

(vii) The Society shall deposit with the Forest Department Rs. 5,000/- either in cash, or ~~the~~ by way of a bank guarantee of Scheduled bank for an equal amount, for fulfilment of all the conditions satisfactorily and in case of breach of any of the conditions, the department will be at liberty to impose penalty to a maximum of Rs. 1,000/- in the case of each breach and also for the forefeiture of the S.D, in its discretion.

Security Deposit

This order issues with the concurrence of F.D. vide ~~xxxx~~ their U.O.No.3094/W2/70 dated 14-7-70.

K 20/7/70

Under Secretary to Govt.
A & F.D.

To.
C.C.F./C.F.Dharwar/D.F.O.Sirsi.
Copy to: C&I/F.D.(B)/C(Section) A&R/B'ch

Sl. No. 13

28 55

PROCEEDINGS OF THE GOVERNMENT OF MYSORE

Sub: Forest Department - N.K.District - Sirsi Taluk - ~~Banavasi and Tigni Village~~ - 791-4 acres in Banavasi and Tigni villages - lease to M/s.Varada Valley Pine-apple Growers Cooperative Society Ltd., Banavasi for Pine-apple cultivation - Orders regarding -

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ORDER NO.AFD 336 FGL 69,
BANGALORE:DATED: THE July 1970.

1) With reference to letter No.B3.GFL.742/69-70 dated 8-12-1969 of the C.C.F. in Mysore, Bangalore, on the subject mentioned above, the Governor is pleased to accord sanction, for grant of 791-4 acres in Banavasi and Tigni villages of Sirsi Taluk, North Kanara District as detailed below, on lease basis, to M/s. Varada Valley Pine-apple Growers Cooperative Society Ltd., Banavasi for pine apple cultivation subject to the following conditions:-

District	Taluk	Village	F.S.No.	Extent. A.G.
N.Kanara	Sirsi	Banavasi	166A1	344-33
		Tigni	162	8-14
			163	8-08
			164	8-26
			171	11-01
			172	9-37
			173	290-06
			229A	109-39
				791-04

2) Terms and Conditions.

(I) The period of lease shall be 30years. The lease is renewable for a further period of 30 years subject to the terms and conditions as mutually agreed upon;

(II) The tree growth should be removed by the Forest Department before the area is ~~leased~~ leased to the society;

(III) The rent to be recovered by the society should be as under:-

(i) In respect of the land intended for fruit cultivation:-

(a) for the first ~~ten~~ ten years Rs. ~~2/-~~ 5/- per acre per year;

contd.2.

29

(b) for the next 5 years Rs. ~~5~~ 10/- per acre per year;

~~(c) for the next 5 years Rs. 10/- per acre per year;~~

(c) ~~(d)~~ thereafter Rs.20/- per acre per year, ~~subject to revision after 20 years;~~ till the conclusion of the lease period.

(ii) In respect of land intended for factory for establishing processing plant and for other allied works at Rs.150/- per acre or part of an acre per year;

~~(iii) The rent now fixed is liable for revision at any time Government consider necessary;~~

(iii) (iv) The land with all improvements thereon should revert to Govt. on the expiry of lease period or whenever the society feels that the area is no longer required by them and no compensation for structures or for improvements to the land, if any, will be paid by the Dept.

(v) The land should be utilised only for the purpose of cultivation of pine-apple. ~~and~~ If the said land is not utilised for the said purpose or if it is diverted to any other purpose ~~the land shall be returned to Govt.~~

(vi) The lessee should provide adequate fire protection measures as directed by the Forest Department;

(vii) The boundaries of the leased area should be kept free from rank vegetation and the boundary area should be kept in good repair;

(viii) The society shall deposit with the Forest Department Rs.5,000/- either in cash or the bank guarantee of schedule bank for an equal amount for fulfilment of all the conditions satisfactorily and in case of breach of any of the conditions, the department is at liberty to impose penalty to a maximum of Rs.1,000/- in the case of each breach, and for the forefeiture of the S.D.

This order issues with the concurrence of Finance Department vide their U.O.No. 3094/W2/70 Dated 14.7.70.

19/6/70

Not to issue.

U/S., A & F.D.

18/6/70

To
The C.C.F.
The C.F., Kanara Circle, Dharwar.
The D.F.O., Sirsi.
Copy to: C & I Department.
F.D.(B)
Cabinet section (C.227/70)

(xx) the order granting the land shall be revoked and the land shall be returned back to Govt with all the structures if any made by the society.

Sl. N. 12

30 53

SECRET NO.AFD 336 FGL 69.

F.C. 3/6/70

MYSORE GOVT. SECRETARIAT
A.C. 227/70
Date 3 JUN 1970
COUNCIL SECTION

CABINET NOTE.

Sub: Representation of M/s. Varada Valley Pineapple Growers Cooperative Society Ltd., Banavasi to grant 791-4-0 acres in Banavasi and Bigni Villages of Sirsi Taluk, North Kanara District for pineapple cultivation on large scale.

I The Chief Promoter Sri C.C.Mulgund of M/s.Varada-Valley Pineapple Growers Cooperative Society Ltd., Banavasi represented on 31-7-1969 (1) to the Minister for Forests for grant of 657-13 acres of land in several villages of Sirsi Taluk, North Kanara District for Pineapple cultivation. They have submitted a detailed report on the financial requirements of the Project and have requested to grant land on lease for 99 years. The Minister for Forests has minuted on the representation as follows:-

(1) P 6 c/f

> "Secretary to examine in detail the scheme of the society to take up pineapple cultivation and whether the land ~~ex~~ asked for is in several S.Nos. and in continuity and report from C.C.F. may be got regarding availibility etc."

2 ~~II~~ The C.C.F. was requested to send a report in the matter. In the meanwhile (2) the society on ~~2~~ 20-9-1969 (3) represented to Govt. that the area requested is not suitable for pineapple cultivation as opined by experts and hence requested to grant nearly 943 acres in a compact area, on the right bank of varada river coming in Sirsi and ~~D~~ Sagar Forest Divisions. The C.C.F. ~~who had been consulted~~ was requested to send a report in the matter on 29-9-1969. (4) ~~sent a report in the matter~~.

(2) P 10 c/f
(3) P 17-14
(4) P 13 c/f

3. ~~VIII~~ The C.C.F. ~~is~~ has sent a report in the matter on 8-12-1969. (5)

(5) P 49-40 c/f

(+) The D.F.O. (6) Sirsi and the C.F., (7) Kanara Circle Dharwar have reported that an area of 791-4 acres as detailed below is available for grant ~~to~~ the society and the land is said to be fit for pinapple cultivation.

(6) & (7) P 44-41 c/f

31 52

Taluk	Village	F.S.No.	Extent. Proper Forest A.-G.-A.	Extent. Minor Forest A.-G.-A.	Total. A.-G.-A.
Sirsi	Banavasi	166A1	217-37-0	126-36-0	344-33-0
	Tigni	162	-	8-14-0	8-14-0
	,,	163	-	8-08-0	8-08-0
		164	-	8-26-0	8-26-0
		171	-	11-01-0	11-01-0
		172	-	9-37-0	9-37-0
		173	-	290-06-0	290-06-0
		229A	82-05-0	27-34-0	109-39-0
		Total	300-02-0	491-02-0	791-04-0

(iii) They have recommended to grant to the society on lease basis for a period of 10 years in the first instance as the area is fit for pineapple cultivation. ~~with spasce tree growth~~

4 (iv) The C.C.F. however is not agreeable to release the said area and has recommended to reject the request of the society for the following reasons:-

(i) Varada River is the main distributary to the Tungabhadra River. The sedimentation survey report reveals that the loss of Tungabhadra Reservoir in dead storage is 50% and that the live storage is 13.38% during the first 10 years (from 1953 to 1963) due to sedimentation.

(ii) At the sixth meeting of the standing committee for soil conservation in the catchment of River valley Project held on 19-9-1969 at Bombay it was observed that the committee was greatly concerned at the deforestation in the catchment area when large investments were being proposed for afforestation and other soil conservation measures.

(iii) the release of the large extent of land in the catchment area and clearing the same for pine applie cultivation will further lead to serious soil erosion and thus carry away silt and deposit in Tungabhadra Dam and lessen the life of the dam constructed at a huge cost.

5 When the file was submitted to Minister for Forests on 30-1-1970 he has minuted as follows:-

contd.3.

32 51

"Cabinet note may be prepared with the lease conditions pertaining to Kamadenu Fruit Processing Cooperative Society".

Sd/-
(A.H.) 30-1-70
Min. of State for Forests.

① Flag M
A26 of 183 FGL 69
② P25 of 183 FGL 69

6. In G.O. No. FD 183 FGL 69 dated 3-12-1969 an extent of ~~519-10-0~~ 908-17-0 acres in several Sy.Nos. in Sirsi Taluk and ~~339-07-0 acres in several Sy.Nos. in Sirsi Taluk~~ was granted in favour of Kamadhenu Dairy and Fruit Processing Society Ltd., Sirsi for pine-apple/ cultivation and Dairy purposes subject to the following conditions:-

1) The period of lease shall be 30 years. The lease is renewable for a further period of 30 years subject to the terms and conditions as mutually agreed upon.

2) The tree-growth should be removed by the Forest Department before the area is leased to the Society.

3) The rent to be recovered by the society should be as under:-

i) ~~In respect of the land intended for Dairying purpose Rs.3/- per acre per year;~~

ii) In respect of the land intended for fruit cultivation.

(a) For the first 4 years Rs.2/- per acre per year;

(b) For the next 5 years Rs.5/- per -do-

(c) For the next 5 years Rs.10/- -do-

(d) There after Rs.20/- per acre per year, subject to revision after 20 years;

(iii) In respect of land intended for factory for establishing processing plant and for other allied works at Rs.150/- per acre or part of an acre per year.

(iii) The rent now fixed is liable for revision at any time Government consider necessary.

(iv) The land with all improvements thereon should revert to Govt. on the expiry of lease period or whenever the society feels that the area is no longer required by them and no compensation for structures or for improvements to the land, if any, will be paid by the Department.

contd.4.

33 50

(v) The land should be utilised only for the purpose of cultivation of Pine-apple.

(vi) The boundaries of the leased area should be kept free from rank vegetation and the boundary area should be kept in good repair;

(vii) The lessee should provide adequate fire protection measures as directed by the Forest Department;

(viii) The society shall deposit with the forest department Rs.5,000/- either in cash of the Bank Guarantee of Schedule Bank for an equal amount for fulfillment of all the conditions satisfactorily and in case of breach of any of the conditions, the Department is at liberty to impose ~~to a~~ a penalty maximum of Rs.1,000/- in the case of each breach, and for the forefeiture of the S.D.

~~VII When P.W.D. have been consulted they have opined~~ The P.W.D. which has

~~VII When D.N.P.C. has been consulted they have opined on that~~ The D.N.P.C. which

7 ~~VIII When~~ F.D. ~~has been~~ when consulted ~~they~~ have opined thus "note to be typed"

8 ~~VIX~~ ~~The~~ Orders of the Cabinet are solicited for grant of 791 acres 4 guntas in several Sy.No. of Sirsi Taluk N.K. for Pine-apple cultivation to M/s. Varada Valley Pineapple Growers Cooperative Society Ltd., Banavasi for a period of 30 years subject to other conditions stated at para VII 6 above.

SECRETARY
AGRICULTURE & FOREST DEPT.
6.2.90

Sl. No. 11

34 49

C. F. No. 45]

GOVERNMENT OF MYSORE

Tele gram / phone

OFFICE OF

THE CHIEF CONSERVATOR OF FORESTS

IN MYSORE: BANGALORE.

No. B3.GFL-742/69-70

Encls. Case papers

Date 8-12-1969.

To

The Secretary to Government,
Agriculture and Forest Department,
Bangalore.

Sir,

R. & L. SECTION
A.C.P.
No. 44358
Date -8 DEC 1969
6886/20/69

Sub: Representation of Varada Valley Pine Apple Growers' Cooperative Society Limited, Banvasi for grant of land for Pine apple cultivation.

Ref: Your No.AFD 336 FGL 69, dated 29-9-69 and 29-10-69.

I enclose herewith a copy of letter No FOP.GFL.CCF.SR.68-69-70 dated 15-11-1969, together with its enclosures received from the Conservator of Forests, Kanara circle, Dharwar.

2. In this case, Shri C.C. Mulgund, the Chief Promoter of the proposed Varada Valley Pine Apple growers' Co-operative Society Ltd., Banvasi, has requested for lease of the following areas for Pine apple cultivation:

Taluk	Village, and S.No.		Extent.
SIRSI	Banvasi	166AI	344-33-0
	Tigni	161	8-37-0
	"	162	8-14-0
	"	163	8-8-0
	"	164	8-26-0
	"	171	11-1-0
	"	172	9-37-0
	"	173	290-6-0
	"	174	9-3-0
	"	175	10-25-0
	"	229 A	114-18-0
			824-8-0
SORAB	Heelikoppa	24	34-31-0
	"	41	84-19-0
			119-10-0
		GRAND TOTAL:-	943-18-0

Sh. H.K.R. 9-12-69

Of this, an area of 28-25-0 Acres comprised of S.Nos. 161, 174, and 175 of Tigni village and 4-19-0 acres out of F.S.No.229 A of Tigni Village of Sirsi taluka have already been disforested for cultivation. And the area comprised in S.Nos. 24 and 41 of Hallikoppa village of

P/2...

Sorab Taluka is reported to be a Revenue land thus the net area available for grant will be only 791-4-0 acres (proper 300-2-0 + Minor 491-2-0).

3. These areas are reported to be more or less in one compact block. The area is situated on the right bank of Varada river and is reported to be flat or with gentle slopes with sandy loamy soil and is reported to be suitable for the purpose applied for.

4. Varada river is the main tributory to the Tungabhadra river. It has been observed in the sedimentation survey report of Tungabhadra reservoir that the loss in dead storage is 50% and that the live storage is 13.38% during the first 10 years (from 1953 to 1963) due to sedimentation.

5. The Standing Committee for Soil Conservation in the catchment of River Valley Project in its sixth meeting held at Bombay on 19-9-69 (extract copy relating to Mysore attached) have therefore observed among others "that ~~greatly~~ the Committee was, ~~therefore~~ greatly concerned at the incidence of deforestation in the catchment area when large investments were being proposed for afforestation and other Soil conservation measures."

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6. In view of this, I personally feel that release of this large extent of land in the catchment area and clearing the same for Pine apple cultivation will further lead to serious soil erosion and thus carry away silt and deposit in Tungabhadra Dam and lessen the life of the dam constructed at a huge cost. The request of the Society may therefore, kindly be rejected.

Yours faithfully,

D. Nanjundappa 8/12
Chief Conservator of Forests.

Extract Minutes of the Sixth Meeting of the Standing Committee (Second Zonal meeting of Zone No.4) for Soil Conservation in the catchment of River Valley Project held at Bombay on 19th September, 1969.

Mysore:

Explaining the approach in selecting the priority areas in the Tungabhadra catchment, the representative of Mysore Government stated that a large area covered by black soils continues to be problematical and adequa te techniques have not been devised to tackle the same effectively. On a suggestion by the Member Secretary regarding construction of a structure under appropriate scheme, it was stated that such a project was already contemplated by the State Irrigation Department in this tributary but final view on this has not been taken for its inclusion in the Fourth Plan. The Committee recommended that the Ministry of Irrigation and Power may take steps to see to the construction of dam in this tributary in view of the problematical nature of the soils. With regard to the rest of the area, it was explained that some of the old tributaries were also covered by other projects and While an area of 1,35,000 acres have been brought under different soil conservation measures, the total problem area remaining to be tackled is about 1500 sq.miles. It was also reported that an area of 50,000 acres has been brought under pasture development and it has provided a good source of grass, nearly 3,000 tons of which was supplied to Bihar and other States during the recent scarcity years. Presently however, it was not being adequately utilized by the State.

The representative of Mysore gave out that an area of 10,000 acres in the upper reaches of Varada catchment was under process of deforestation due to the initiation of schemes of rehabilitation and no soil conservation measures were undertaken in the area. The sedimentation survey report of Tungabhadra reservoir showed a loss in dead storage of 50% and that of live storage to the extent of 13.38% during the first 10 years (from 1953 to 1963). Considering the alarming situation, the Committee recommended that the arrangements should be made to resurvey the reservoir in order to determine the current rate of sedimentation. The Central Water and Power Commission has already recommended such a resurvey. The Committee was, therefore, greatly concerned at the incidence of deforestation in the catchment area when large investments were being proposed for afforestation and other soil conservation measures within the same catchment under the Centrally Sponsored programme. The Committee recommended that the State Government should be requested to send a detailed report in this matter. It was also suggested that a team of officers from the Ministry of Food and Agriculture and Central Water and Power Commission should visit the area and ascertain the position in detail.

"COPY"

N.

D Gurs Cy

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No.FOP/GFL/CCF/SR/63 of 69-70. Office of the Conservator of Forests Kanara Circle, Dharwar. Dated, 15-11-69.

To

The Chief Conservator of Forests
in Mysore, Bangalore.

Sir,

Sub:-Proposed Varda Valley pine-apple Growers Co-operative Society, Ltd., Banvasi- Land for..

Ref:-Your No.B3-GFL-742/69-70 dated 9-10-1969 and even No. dated 11-11-69.

2. I submit herewith letter No.FOP/GFL/LND/120 dated 9-10-1969 of the Divisional Forest Officer Sirsi Dn. Sirsi along with the accompaniments for favour of perusal. The case papers also contain the previous application of the Society and the sketch of the previous lands asked for.

3. The Divisional Forest Officer has enquired into the case and he has recommended to grant an area of 791-4-0 acres on lease basis for 10 years. and that lease amount and other conditions of grant of land be similar to grant of land made to Kamdhenu Society. The Divisional Forest Officer has obtained no objection statement of villagers of Tigni and has suggested to hand over the treegrowth to the Society on recovery of value etc.

4(a) The Divisional Forest Officer has not obtained the no objection statement of the villagers of Banavasi, The area to be leased out is 344-33-0 acres from Banavasi village and that from Tigni village is 446-11-0 acres. As recommended by the Divisional Forest Officer, I have no objection to lease out the area of 791-4-0 acres to the Society for a period of 10 years in the first instance, the assessment and other conditions being alike the grant of land made to Kamdhenu Society, Sirsi. The release of this land though leased out and not disforested is virtually lost and it will be taken towards release of 1 lakh area.

(b) Regarding release of treegrowth, I donot agree with the views of the Divisional Forest Officer The treegrowth will be disposed of by this Department only. Granting of treegrowth to the Society at the price fixed by the Department will amount to sale by private negotiation and may set a precedent to others also.

5. The Chief promoter of the Society has, in his application, requested to grant the land on the following conditions.

...2..

Letter.

39 42

Subject :-Proposed Varada Valley pine Apple Growers Co-Operative Society, Ltd. Banavasi - Land for.

NO.FOP/GFL/LND/120 of 1969/70.
Sirsi, 9 -10-1969.

To,

The Conservator of Forests,
Kanara Circle,
Dharwar.

Ref:-Your No.FOP/GFL/CCF/SR/68 of 69-70 dt. 12-8-1969.

Shri C.C.Mulgund, the Chief promotor of the proposed Varada Valley pine Apple Growers Co-Operative Society Ltd., Banavasi has now submitted a petition addressed to the Hon'ble Minister for Forests through this Office, proposing alternate areas in lieu of the areas already suggested and dealt under this Office reference of even No. dt. 29-7-1969.The sites proposed now are reported to be more suited for pine apple cultivation considering the soil.The areas have also less quantity of tree-growth.The areas now selected and proposed are detailed herewith under

Taluka	Village.	F.S.No.	Extent of area. Proper forest. A. G. A.	Minor forest. A. G. A.	Total A. G. A.
Sirsi	Banavasi	166A1	217-37-0	126-36-0	344-33-0
	Tigni	161	-	8-37-0	8-37-0
	"	162	-	8-14-0	8-14-0
	"	163	-	8- 8-0	8- 8-0
	"	164	-	8-26-0	8-26-0
	"	171	-	11- 1-0	11- 1-0
	"	172	-	9-37-0	9-37-0
	"	173	-	290- 6-0	290- 6-0
	"	174	-	9- 3-0	9- 3-0
	"	175	-	10-25-0	10-25-0
	"	229A	86-6- 0	28-12-0	114-18-0
			304-3- 0	520- 5-0	824- 8-0

Out of the above, the F.S.No.161,174 and 175 Tigni village measuring 28-25-0 acres have already been disforested.Similarly, an area of 0-18-0 gunthas from the Minor Forest and 4-1-0 acres from the proper forest of 229A of Tigni have also been disforested.Hence the area available from the Minor and proper forest works out to 791-4-0 (Proper 300-2-0 + Minor 491-2-0).

These areas have been inspected by me.The areas are more or less in one compact block.The area is situated on right bank of the Varada River and is flat or with gentle slopes with sandy loamy soil which is suitable for the purpose applied for.

The tree-growth is sparse and of inferior quality consisting of species like char,Bibba, Karmal,Avla,Ippi,Kaul,Channangi, Nandi,Kunal etc. to the extent of about 25 trees per acre. They are all of firewood quality only.There are a few patches where the tree-growth is of few slightly better quality. On the whole, the tree-growth in this area may fetch about Rs.60/- to Rs. 80/- per acre, on an average. Looking to profitable enterprise of productive value of the society, I would feel this area had been better utilized for the purpose rather than to allow it to remain as forest.

The Chief Promotor has also applied for an area of 119-10-0 acres of Minor Forest of Kallikop village Sagar Dn. which is contiguous to this area.This area is also of similar type as proposed in this Division.

(P.T.O)....

Conditions put forth	Observations.
a) The land may be given on 99 years with provision to renew on expiry	This should be for 10 years as said above and the Govt. may renew the period at its decretion.
b) May be granted with provision to sub-lease to individual cultivators.	This can not be agreed to, as this will be outside the scope of Co.op. farming.
c) May be granted with provision to mortgage the land to any Co.op. Bank..	The Govt. may examine this and the fanancial position of the Society.
d) Purchase of treegrowth by the Society.	This is dealt with above.

Yours faithfully,

(Y.M.L.Sharma)
Conservator of Forests,
Kanara Circle.

SVS/15

Copy to the Divisional Forest Officer, Sirsi for information.

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In my earlier reference, I had suggested that only part of the area may be released to begin with and the balance area be released in due course. This was suggested as an insurance towards proper utilisation of the land without undue delay. Further, the area recommended for release in the second stage, vide the earlier reference, bore better tree-growth. In the present case such procedure need not be followed as the growth is uniformly poor all over. The same effect could be had by regulating the lease amounts. The Villagers of Tigni have given their consent to the release of the area.

The Society has requested that the area may be leased to them together with the tree-growth for the reason that if the Department takes up the clearance work, the stumps would be left behind and it will take a considerable time to up root these. Pine apple cultivation involves trenching at close espacement and stumps get to be a costly nuisance. The society intends to get the trees uprooted by mechanical devices. The request is reasonable as the area now selected bears only poor type of tree-growth of low economic value. Hence it could be handed over to the society at the Departmentally assessed value plus 10% to ensure against any loss to Government.

As regards lease amount, the rent proposed for the Kamadhenu Society by the Chief Conservator of Forests, in Mysore, Bangalore in his No.B3-GFL.83(64-65) dated 2-7-1969 may be made applicable in this case also. The area may be leased out for a period of 10 years at the first instance.

The other conditions of the grant are those as proposed in this Office even No. dated 29-7-1969.

The petitions and other enclosures are enclosed herewith. The documents received under your above reference are also enclosed.

The report is submitted in triplicate.

8/10/69

(S.Shyam Sunder)
Divisional Forest Officer,
Sirsi Division, Sirsi.

Proposed Varda Valley Pineapple Growers Co-Operators Socity Ltd.

Banawasi [N. Canara]

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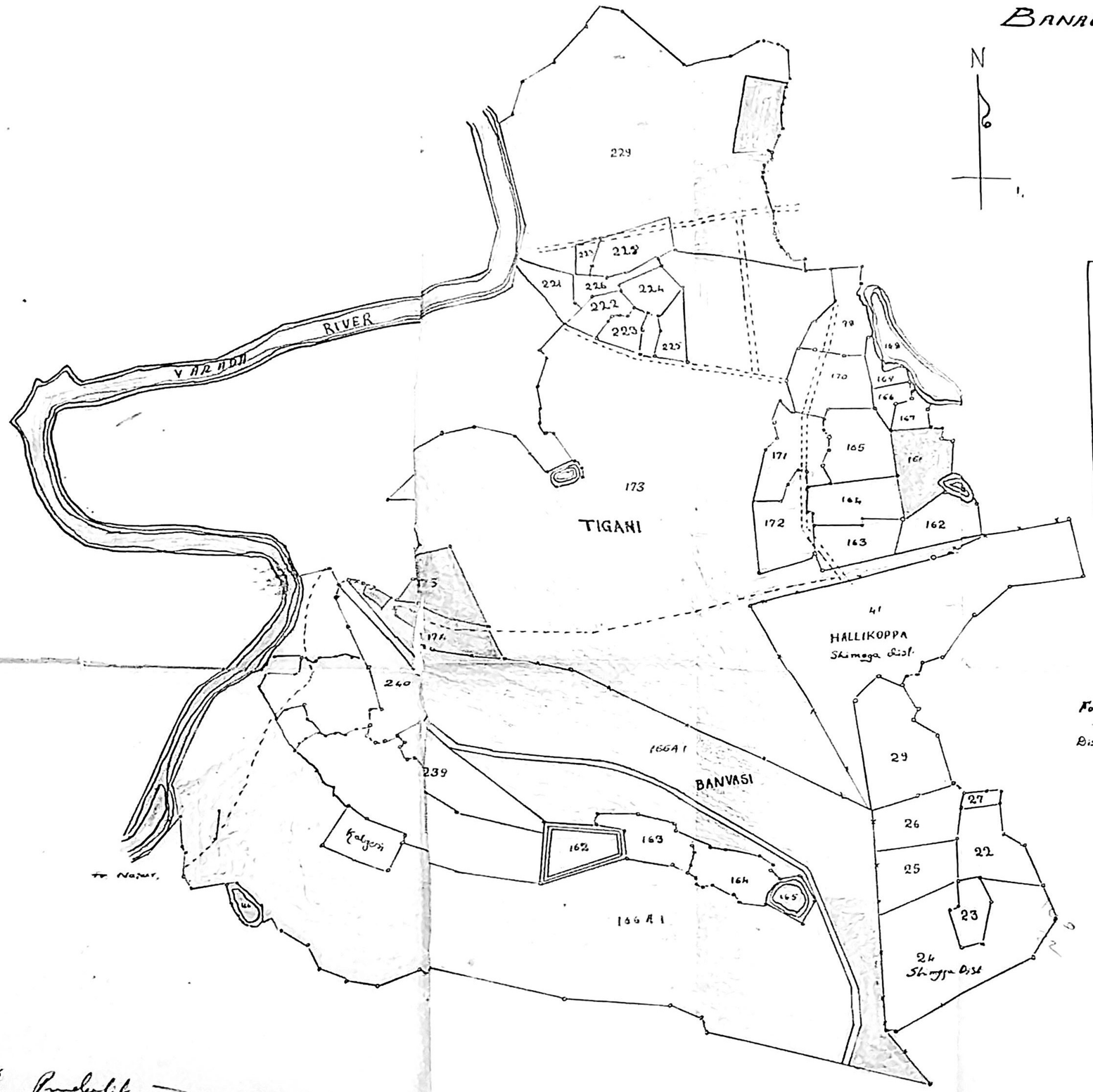
Scale :— 1 Inch = 600 Feet



Area Asked For

In Sirsi Division [N.K. Dist] Taluka Sirsi

Village	S No	Area applied for M Forest A G	R F A G	Total A G	Area Recommended M F A G	R F	Total
Banavasi	166 A1	126-36	217-37	344-33	126-36	217-37	344-33
Tigani	161	8-37	—	8-37	—	—	—
"	162	8-16	—	8-16	8-16	—	8-16
"	163	8-8	—	8-8	8-8	—	8-8
"	164	8-26	—	8-26	8-26	—	8-26
"	171	11-1	—	11-1	11-1	—	11-1
"	172	9-37	—	9-37	9-37	—	9-37
"	173	290-6	—	290-6	290-6	—	290-6
"	176	9-3	—	9-3	—	—	—
"	175	10-25	—	10-25	—	—	—
"	229A	23-12	—	146-13	27-34	82-5	109-29
Total		520-5	304-3	824-8	491-2	300-2	791-4

in SAGAR division (Shimoga dist) Taluka Sorab

HALLIKOPPA	24	34-3	—	34-31
"	41	84-19	—	84-19
Total		119-10	—	119-10

Forest Proper
Minor
Disforested

Total Area

	A G
In Sirsi Division	791-4
In Sagar Division	119-10
M F A G / R F A G	
629-15 +	

This line denotes the common boundary line of the village

Dressed by
P. G. Naik
Second Grade Forest Surveyor
Sirsi Division Sirsi.

Range Divisional Surveyor
Sirsi Division Sirsi

Sl. No. 10

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PROPOSED
VARADA VALLEY PINEAPPLE GROWERS
CO-OPERATIVE SOCIETY LTD.
BANAWASI.

Taluk: Sirsi. Dist:- N.Kanara

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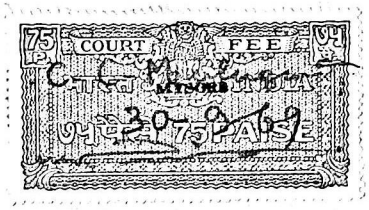

The Hon'ble Chief Minister,
Government of Mysore,
Vidhan Soudha,
BANGALORE.

Respected Sir,

It is proposed to take up cultivation of Pineapple on large areas collectively promoting an association in the co-operative sector.

On this proposal a project report is prepared in which all the relevant details are discussed. It is enclosed herewith for your perusal.

The land required for the purpose is to be granted and released by Government to the proposed society, for which we have applied to the Hon'ble Minister for Forests, Government of Mysore, Bangalore. We enclose herewith a copy of the same for your information.

A report on the financial requirements of the project, based on actual working and the returns that we get from the project is prepared which gives the complete picture of the entire scheme. It is enclosed for your kind perusal.

We believe, you will be kind enough to go through the pages and help us to accelerate the process for which we will be ever grateful to you.

We remain Sir,

Yours faithfully,
For the Proposed Varada Valley
Pineapple Growers Co-operative Society Ltd.,

Encl: As above,

BANAWASI.

1-10-1969.

(C.C.Mulgund)
Chief Promoter.

LIST OF PAPERS ENCLOSED.

1. Copy of the application addressed to the Hon'ble Minister for Forests requesting to grant the land.

2. Copy of the application addressed to the Hon'ble Minister for Forests requesting to grant a separate land, other than the one asked for in our first application.

3. Copy of the resolution.

4. Statements of Economics.

5. Project report on Pineapple cultivation in Sirsi Taluka.(N.K.)

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PROPOSED
VARADA VALLEY PINEAPPLE GROWERS'
CO-OPERATIVE SOCIETY LTD.

BANAWASI. Taluk: SIRSI.

(N. Kanara)

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The Hon'ble Minister for Forests,
Government of Mysore,
Vidhana Soudha,
BANGALORE.

Respected Sir,

Sub:- Grant of Land on lease in the Forest S.No.1 of Madhuralli, S.No.12 of Gudnapur, S.No.164 of Kadagod, S.No.258 of Ajjarani, Villages, in Sirsi Taluka, North Kanara District, for Pineapple Cultivation to the above proposed Society.

Request for .....

I have the honour to place before you the following subject for your kind consideration and necessary action.

It is a known fact that the fruit Pineapple is gaining importance on the dining table of today, and every day its consumption is increasing enormously in India and Abroad. With the result, Pineapple cultivation and processing have assumed the shape of major industries and contributing to a certain extent to solve the food problem.

It is a fruit grown in tropical regions and many tropical islands like Singapore, Hawaii, Philippines and Australia are growing and processing Pineapple on a very large scale.

In India, it is grown since ages; but not in large areas; nor on scientific basis. Recently, its importance has been realised and encouragement has been given to take up cultivation of this fruit by States and private companies.

In Mysore State, Coorg, North Kanara and other Malenad belts are proved to be very much suited for growing Pineapple, because of the geographical situation of the land, soil and climatic conditions of this area. Here, opportunities also have been created now for the

Contd.2.

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cultivation of this fruit by the establishment of fruit processing plants, some in Coorg and Bangalore, and one in North Kanara District. In North Kanara District, the Kamadhenu Co-operative Dairy and Fruit Processing Society Ltd., Sirsi has put up a fruit processing plant near Navanageri in Sirsi Taluka. This plant has got enough capacity to process fruits grown in several thousand acres of land every year. This has created a potential ready market for Pineapples. It is certainly a boon to the farmers of this area and also to those who are interested in agro-based industries.

Cold countries cannot grow Pineapple. Therefore they import their requirements of this fruit which is ofcourse, processed and canned - and provide a great export market to those who are cultivating this fruit. To us it is a great opportunity to earn foreign exchange. It is needless to say that it is the need of the hour to us.

In view of these facts, to make us avail of the opportunities created by the establishment of the fruit processing unit by the above said Kamadhenu Society, it is proposed to take up cultivation of Pineapple through some association collectively in the Co-operative sector. The details of the proposal are as under:

Presently, it is proposed to promote a Society by name "Varada Valley Pineapple Growers' Co-operative Society Ltd." at Banawasi in Sirsi Taluka, North Kanara District, with an authorised Share Capital of Rs. 5 lakhs, and take up cultivation of Pineapple in about 600 acres of land in the first phased programme.

On this proposal a small project report is prepared, in which all the relevant factors are discussed to the required length. I enclose a copy of the project report for your kind perusal. We believe, this report will give you the necessary information regarding all the aspects of Pineapple cultivation and about our present project. The economics of the project also are discussed in the third part of the report, which are very encouraging.

For the materialization of this project, a site is selected with the help of some Indian and Foreign experts. The site is near Banawasi in Sirsi Taluka, comprising a compact area of 657 acres at a stretch. The details of the area selected are as follows:-

A separate application for a different site is submitted. Copy enclosed.

	Village	S.No.	Area in acres	Remarks
1.	Madhuralli	1	266=00	Minor Jungle.
2.	Gudnapur	12	273=33	Forest.
3.	Ajjarani	258	80=02	Minor Jungle.
4.	Kadagod	164	37=18	"
		Area Total.	657=13	

Contd.3.

46 29/35

This land is examined by Horticultural experts and also by one foreign expert by name Mr.C.Axelsen from Australia. He had come to India on behalf of the Rotary International to give free advice on Pineapple cultivation and processing. He visited the proposed land personally and roamed about there for an hour. After examining all the possible aspects, he expressed his great satisfaction about the sublime qualities of the land for Pineapple cultivation. So, this land is selected for the purpose.

Sir, with these details, we are approaching you with a request kindly to grant the afore said land of 657 acres in the name of the above proposed Society and enable it to proceed ahead in the matter. While according sanction for the grant of the land, the following points may please be taken into consideration:

1) That the land may please be granted to the Society free of occupancy price on basis of long term 99 years' lease, with provision to renew the lease after the expiry of the lease term.

2) That the land may be granted to the Society with provision to sub-lease the land to the intended cultivators.

3) That the land may be released to the Society as it is, with the trees now standing on the land. The jungle clearing work will be done by the Society itself. Therefore, a fair valuation of the standing trees may be made and the amount may be recovered from the Society by yearly instalments.

4) That the land may be released to the Society with provision to mortgage the land to any Co-operative Bank, State Bank of India, Commercial Banks or any other financing agencies for raising finance for the Society's activities.

With these terms, we request you Sir, to please grant the land to the Society and oblige. The Society is prepared to abide by any other terms and conditions which may be imposed by the Government for the grant of the said land.

Sir, this is a venture unique in its pattern and a step towards building up a healthy society with our accepted aim of socialistic pattern of economy. We believe, you will be fully convinced about the project and also about the scope for cultivation of Pineapple and its development in future in this area. So we hope, you will be kind enough to grant the land and encourage the Society to achieve its objective.

Contd.4.

47 34

I am submitting this application to you on behalf of the proposed Society as its Chief Promoter by virtue of a resolution passed in the first meeting of promoters held at Banawasi on the 22nd June, 1969. A copy of the resolution is appended herewith. We also enclose the sketches of all the survey numbers of the area asked for along with other required records for reference.

It is hoped that you will be kindly disposed to take immediate action for granting the land and oblige.

Thanking you in anticipation,

We remain Sir,

Yours faithfully,
For the Proposed Varada Valley
Pineapple Growers' Co-operative Society Ltd.,

Banawasi.
N.Kanara

21-7-1969.

Mulgund

(C.D.Mulgund)
Chief Promoter.

Enclosures:-

✓ 1. Sketch showing the compact area of all the S.No.s asked for.

2. Four sketches of Individual S.No.s i.e., 1 of Madhuralli, 12 of Gudnapur, 258 of Ajjarani and 164 of Kadagod (Villages).

3. Extract of Record of Rights.

4. Extract of Grama Namuna No.1(Land Register).

5. Extract of Forest Register No.1.

✓ 6. Copy of Resolution of 1st meeting.

✓ 7. Project Report Copy.

(Submitted through the Divisional Forest Officer, Sirsi Division, Sirsi, for necessary further action)

Copy of Resolution No.5 passed in the First Meeting of the promoters of the proposed Varada Valley Pineapple Growers' Co-operative Society Ltd., held at Banawasi on 22nd June 1969.

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"RESOLVED that Sri C.C.Mulgund of Banawasi be and is hereby appointed as the Chief Promoter and that he be authorised to take up all proceedings and necessary actions for the furtherance of the objects of the proposed Varada Valley Pineapple Growers' Co-operative Society Ltd. Banawasi."

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Banawasi.(N.Kanara)

sd/-
(G.S.Hegde)
Chairman of the Meeting.

21st July 1969.

"True Copy"

PROPOSED
VARADA VALLEY PINEAPPLE GROWERS
CO-OPERATIVE SOCIETY LTD.
BANAWASI.

49 32

Taluk: Sirsi. Dist :- N.Kanara

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Statements of Economics, showing the Expenditure on Plantation and Processing unit, The Financial requirements, Returns and Repayment of the Borrowed Capital of the whole project.

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C.C.MULGUND

Chief Promoter.

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PROPOSED
VARADA VALLEY PINEAPPLE GROWERS
CO-OPERATIVE SOCIETY LTD.

BANAWASI. Taluk: SIRSI

Dist:- N.Kanara

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Statements of Economics, showing the Expenditure on Plantation and Processing unit, The Financial requirements, Returns and Repayment of the Borrowed Capital of the whole project.

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C.C.MULGUND

Chief Promoter.

PROPOSED
VARADA VALLEY PINEAPPLE GROWERS
CO-OPERATIVE SOCIETY LTD.

BANAWASI. Taluk: SIRSI
(N.Kanara)

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In the earlier report on the project of "Pineapple cultivation in Sirsi Taluka (N.K.)" it is conceived that the project is confined to cultivation of Pineapple. It was proposed to grow Pineapple on large areas and supply them to other canning factories for further processing, canning and marketing.

But it is advised by experts in the country and abroad that a processing unit for such projects is a 'must' and we must have one to make the whole scheme complete and comprehensive. Otherwise it will not be possible to have full control over the project programmes as envisaged in the plan.

Therefore, it is now decided to include one processing unit of 25 tonnes capacity per shift in the project.

It is proposed to take up the plantation work in three stages, at 250 acres every consecutive year. Accordingly the economics including the capital investment of the project are worked out in two parts. Part one deals with the plantation and part two with the processing unit. The production programmes of the processing unit are prepared in conjunction with the plantation schedule from where the raw material - i.e. fruits-to the processing unit is expected.

In the following statements, the financial requirements for land development, irrigation and cultivation in part one for plantation work, and for machinery and building in part two for processing unit are shown separately. The repayment schedule of the borrowed capital also is worked out along with the returns we get from plantation and processing unit separately. We believe this will give the clear picture of the in-come and expenditure of the whole project.

The figures in the statements such as yield per acre and rate of fruits per tonne are based on factual statistics available in the field and not on presumption. While taking these figures for granted, it is ascertained from all the possible sources.

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TOTAL CAPITAL OUTLAY

For Plantation	...	Rs.40,60,000=00
For Processing Unit	...	Rs.26,50,000=00
	Total:	Rs.67,10,000=00

SOURCES

1) Our Share Capital	...	Rs. 5,00,000=00
2) Irrigation Loan	...	Rs. 2,80,000=00
3) To be Borrowed	...	Rs.59,30,000=00
	Total:	Rs.67,10,000=00

REQUIREMENTS OF FUNDS
(To be Borrowed)
When and how much.

Year	Purpose	Amount Rs.	Total Rs.
1970	Plantation	11,45,000=00	11,45,000=00
1970-71	Processing Unit	24,00,000=00	24,00,000=00
1971	Plantation	11,85,000=00	11,85,000=00
1972	Plantation	12,00,000=00	12,00,000=00
		Total:	59,30,000=00

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PROPOSED
VARADA VALLEY PINEAPPLE GROWERS'
CO-OPERATIVE SOCIETY LTD.

BANAWASI. Taluk: SIRSI.
(N.Kanara)

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FINANCIAL STATEMENTS.

PART I

PLANTATION

(1) LAND DEVELOPMENT COST

		Per Acre.	
Jungle Clearing ...	Rs.	250=00	
Fencing ...	Rs.	250=00	
Layouts ...	Rs.	100=00	
Irrigation drains etc....	Rs.	100=00	
	Total	700=00	Per Acre
			X 250
	Rs.	1,75,000=00	for 250 Acres

(2) CULTIVATION EXPENDITURE

		Per Acre.	
Suckers 12,000 Nos. ...	Rs.	2,000=00	
Trenches ...	Rs.	800=00	
Planting & Mulching ...	Rs.	200=00	
Mannure ...	Rs.	500=00	
Medicine weeding etc. ...	Rs.	100=00	
Maintenance for years ...	Rs.	200=00	
	Total	3,800=00	Per Acre
			X 250
	Rs.	9,50,000=00	for 250 acres.

Contd.2.

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(3) IRRIGATION EXPENSES

@ Rs.400=00 per acre for 1,000 acres. Lift irrigation to be provided from Varada River.(as per estimation of the Dept.)	Rs.4,00,000=00
Expect 70 % from Co-operative Department.	Rs.2,80,000=00
Our share 30 % ...	Rs.1,20,000=00

(4) MACHINERIES

Tractors 2 Nos. - Trailers and other equipments.	Rs. 80,000=00
One Vehicle ...	Rs. 20,000=00
	Rs.1,00,000=00

(5) ADMINISTRATIVE EXPENDITURE

I Year.		PER MONTH
Secretary	...	Rs. 300=00
Agricultural Officer	...	Rs. 500=00
Typist	...	Rs. 200=00
Clerk	...	Rs. 150=00
Accountant	...	Rs. 300=00
Fieldmen 5 @ Rs.200/- each		Rs. 1,000=00
Store-Keeper 1	...	Rs. 200=00
Attender 1	...	Rs. 100=00
Drivers 3 @ Rs.150/- each	...	Rs. 450=00
Office Expenses travelling etc.		Rs. 800=00
		Rs. 4,000=00 per month
		X 12
		Rs. 48,000=00 per year

Say Rs. 50,000=00	I year	
Rs. 60,000=00	II year	20 % more
Rs. 75,000=00	III year	25 % more

Contd.3.

55 26

TOTAL EXPENDTTURE FOR 3 YEARS.
(For Plantation)

Purpose	Plot I 250 Acres	Plot II 250 Acres	Plot III 250 Acres	Total 750 Acres
	I year 1970 Rs.	II year 1971 Rs.	III year 1972 Rs.	Total Rs.
1.Land Deve--lopment	1,75,000=00	1,75,000=00	1,75,000=00	5,25,000=00
2.Irrigation	4,00,000=00	...	...	4,00,000=00
3.Administrative expenses	50,000=00	60,000=00	75,000=00	1,85,000=00
4.Machinery	1,00,000=00	...	...	1,00,000=00
Total Deve--lopment	7,25,000=00	2,35,000=00	2,50,000=00	12,10,000=00
Cultivation	9,50,000=00	9,50,000=00	9,50,000=00	28,50,000=00
Total.	16,75,000=00	11,85,000=00	12,00,000=00	40,60,000=00

ACTUAL REQUIREMENTS OF FUNDS.
(For Plantation)

Period		For Development Rs.	For Cultivation Rs.	Total Rs.
1970	Less	7,25,000=00		
Irrigation loan to be secured from co-operative Dept.	2,80,000=00			
Our share capital	2,50,000=00	5,30,000=00		
		1,95,000=00	9,50,000=00	11,45,000=00
1971		2,35,000=00	9,50,000=00	11,85,000=00
1972		2,50,000=00	9,50,000=00	12,00,000=00
Total:		6,80,000=00	28,50,000=00	35,30,000=00

Contd.4.

56 25

RETURNS DURING THE FIRST CROP CYCLE
OF FIRST PLANTATION
UP TO MAY 1975
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Fruits in Tonnes: Amount @ Rs.500/- per Tonne.

Fruits yield P.A.	I Harvest 15 Tonnes	II Harvest 13 Tonnes	III Harvest 11 Tonnes	IV Harvest 9 Tonnes	
Plantation Date & P.No.	Total Yield				Total
	May 1972	May 1973	May 1974	May 1975	
Plot No.I	3750	3250	2750	2250	12000
May 1970	18,75,000=00	16,25,000=00	13,75,000=00	11,25,000=00	60,00,000=00
Plot No.II	..	3750	3250	2750	9750
May 1971	..	18,75,000=00	16,25,000=00	13,75,000=00	48,75,000=00
Plot No.III	..	..	3750	3250	7000
May 1972	..	..	18,75,000=00	16,25,000=00	35,00,000=00
TOTAL Fruits:	3750	7000	9750	8250	28750
Amount:	18,75,000=00	35,00,000=00	48,75,000=00	41,25,000=00	143,75,000=00

Contd.5.

57 264

TOTAL AMOUNT BORROWED

Purpose Date of Borrowing	For Development Rs.	For Irrigation Rs.	For Cultivation Rs.	Total Rs.
1970	1,95,000=00	2,80,000=00	9,50,000=00	14,25,000=00
1971	2,35,000=00	...	9,50,000=00	11,85,000=00
1972	2,50,000=00	...	9,50,000=00	12,00,000=00
Total:	6,80,000=00	2,80,000=00	28,50,000=00	38,10,000=00

LOAN INSTALMENTS

All loans are proposed to be paid by 4 equal instalments, first one commencing after2 years.

Loans	Total Amount	Instalments			
		Development	Irrigation	Cultivation	Total
1970	14,25,000/-	49,000=00	70,000=00	2,37,500=00	3,56,500=00
1971	11,85,000/-	59,000=00	...	2,37,500=00	2,96,500=00
1972	12,00,000/-	62,500=00	...	2,37,500=00	3,00,000=00

LOAN REPAYMENT SCHEDULE UP TO 1975

Loans	Nature	Repayment year				
		1972 Rs.	1973 Rs.	1974 Rs.	1975 Rs.	Total Rs.
1970 Loan	Principle	3,56,500/-	3,56,500/-	3,56,500/-	3,56,500/-	14,25,000/-
	Interest	2,85,000/-	1,68,500/-	71,200/-	35,650/-	5,60,350/-
1971 Loan	Principle	..	2,96,500/-	2,96,500/-	2,96,500/-	8,89,500/-
	Interest	..	2,37,200/-	88,950/-	59,300/-	3,85,450/-
1972 Loan	Principle	..	..	3,00,000/-	3,00,000/-	6,00,000/-
	Interest	..	..	2,40,000/-	90,000/-	3,30,000/-
Total:		6,41,500/-	10,58,700/-	13,53,150/-	11,37,850/-	41,91,300/-

Principle:- Rs.29,15,500=00
Interest :- Rs.12,75,800=00
Total :- Rs.41,91,300=00

Contd.6.

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STATEMENT SHOWING THE RECEIPTS AND LOAN REPAYMENTS DURING THE FIRST CROP CYCLE

Year	1972 Rs.	1973 Rs.	1974 Rs.	1975 Rs.
Receipts	18,75,000/-	35,00,000/-	48,75,000/-	41,25,000/-
Loan Instalments	6,41,500/-	10,58,700/-	13,53,150/-	11,37,850/-
Balance:	12,33,500/-	24,41,300/-	35,21,850/-	29,87,150/-

Receipts during the first crop cycle ...		Rs.	1,43,75,000=00
Less: Loan Instalments	Rs.41,91,300=00		
Ratoon crop culti--vation expenses Rs.1,000/- P.A.	Rs.15,00,000=00		
	Rs.56,91,300=00		
Say	Rs.57,00,000=00	Rs.	57,00,000=00
Net Profit to the Project ...		Rs.	86,75,000=00

RATOON CROP CULTIVATION EXPENSES

Per Acre.	Rs.
1) Clearing the harvested stems etc.	100=00
2) Mannure ...	350=00
3) Mannuring weeding etc. ..	150=00
4) Irrigation ...	100=00
5) Maintenance ...	240=00
6) Unforseen ...	60=00
Total:	1,000=00

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PART II

PROCESSING UNIT

1. One fully automatic fruit canning unit having a capacity of 25 tonnes (finished products) per shift of 8 hours, including tin making and crate making units. Approximately estimated cost.	Rs.20,00,000=00
2. Buildings about 40 thousand Sft built area @ Rs.15/- per Sft. These buildings include factory building, cold storeage godown, other godowns, office, laboratory block etc. etc. ...	Rs. 6,00,000=00
3. Office and Laboratory equipments.	Rs. 50,000=00
Total:	Rs.26,50,000=00
Less our share capital which will be issued for this purpose.	Rs. 2,50,000=00
Net amount required.	Rs.24,00,000=00

Note:- The Plantation in the first plot will be started in May 1970 and the yield from this is expected in October 1972. By this time the processing unit should be ready for taking up the processing work of these fruits. Therefore the expenditure on processing unit will start from Jan 1970. So that it will be completed by October 1972. The funds are required during this period from January 1970.

Contd.8.

21

60

PRODUCTION PROGRAMME AND RETURNS

Production programme of the processing unit, up to 1975 (till the end of the first cycle of first plantation) with expected returns on processing and canning are as shown below: For calculation purposes the rate of processing fruits per K.G. is taken @ Rs.00=20 which is quite below the prevailing rates:-

Year	Fruits in Tonnes	Charges per tonne Rs.	Gross Receipts Rs.
1972	3750	200=00	7,50,000=00
1973	7000	200=00	14,00,000=00
1974	9750	200=00	19,50,000=00
1975	8250	200=00	16,50,000=00

----0----

LOAN REPAYMENT SCHEDULE.

It is proposed to repay the borrowed capital of Rs.24,00,000=00 in 8 yearly instalments, first one commencing after two years falling due in 1972. The instalment amount comes to Rs.3,00,000=00 every year. Rate of interest is taken at 10 % per annum for calculation purposes. The schedule is as follows:

Year	Amount			
	Principle Rs.	Interest Rs.	Duration Years	Total Rs.
1972	3,00,000=00	2,40,000=00	Two years	5,40,000=00
1973	3,00,000=00	2,10,000=00	One year	5,10,000=00
1974	3,00,000=00	1,80,000=00	"	4,80,000=00
1975	3,00,000=00	1,50,000=00	"	4,50,000=00
1976	3,00,000=00	1,20,000=00	"	4,20,000=00
1977	3,00,000=00	90,000=00	"	3,90,000=00
1978	3,00,000=00	60,000=00	"	3,60,000=00
1979	3,00,000=00	30,000=00	"	3,30,000=00

STATEMENT SHOWING THE RETURNS AND PAYMENTS

Note:- The expenditure to run the plant is taken @ Rs.50/- per tonne which includes direct labour and chemicals etc.

Year	Expenditure Rs.	Loan Instal-ments. Rs.	Total Pay--ments. Rs.	Income during the year-Rs.
1972	1,87,500=00	5,40,000=00	7,27,500=00	7,50,000=00
1973	3,50,000=00	5,10,000=00	8,60,000=00	14,00,000=00
1974	4,87,500=00	4,80,000=00	9,67,000=00	19,50,000=00
1975	4,12,500=00	4,50,000=00	8,62,500=00	16,50,000=00

This is up to the end of first cycle of the first plantation. Further it will continue accordingly.

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Extract of the Minute of the Minister for Finance.

--

Further to my earlier Minute on grant of forest land to the proposed Varada Valley Pineapple Growers' Cooperative Society Ltd., Banawasi, Sirsi Taluk (N.K.) I am sending herewith the application of the Chief Promoter for grant of S.No.1 of Madhuralli, S.No.12 of Gudnapur, S.No.258 of Ajjarani and 164 of Kadagod villages in Sirsi Taluk for pineapple cultivation with the standing trees before Deepavali to enable the society to start further activities. The society is prepared for the outright purchase of the trees at a fair valuation to be made by the Forest Department and recovery of the amount in annual instalments. As this is a feasible project with good potentialities for development and in view of the urgency, the request of the society for early release of the lands with standing trees may please be considered sympathetically.

The representation is enclosed.

S.M. 9 62 20

GOVERNMENT OF MYSORE

No.AFD 336 FGL 69.

MYSORE GOVERNMENT SECRETARIAT,
VIDHANA SOUDHA.

Dated, Bangalore, 29/X/1969

FROM

The Secretary to the Government of Mysore,
Agriculture & Forest Department.

To.

The Chief Conservator of Forests
in Mysore, Bangalore.

Sir,

Sub: Grant of forest land for Pineapple cultivation - change of area - request for-

---

In enclosing an extract from the Minute of the Minister for Finance dated 24-9-1969, on the subject mentioned above along with a copy of representation dated 20-9-1969 of the Proposed Varada Valley Pineapple Growers Cooperative Society Ltd., Banavasi, I am directed to request you kindly to send a report in the matter immediately.

Yours faithfully,

29-10-69

(N.A.Kaskar)
i/c Section Officer,
Agri. & Forest Department.

hns/29-10/

Sl. No. 9

63

Appendix F. G. -1]

SUBJECT ..... ante Sl. No. 7 | p. 7 .....

Diary No. of letter replied to..... .....

Mysore Government Secretariat.

( )

the 196 .

ISSUED

Date of issue 29/10/69

Signed by.....

(*) the minute

List of enclosures.....

Copied by .....

Examined by.....

Section

File No. AFD. 336. Fc. 1. 69

Serial No.

No.

To CCF,

In enclosing an extract (*) the Minister for Finance dated 24.9.69, ~~sent to the M (F)~~ on the subject mentioned above, along with a copy of letter dated 20.9.69 of the proposed Vanada Valley pine apple Growers Co-operative Society Ltd. I am directed to request you kindly to send a report in the matter immediately.

Bangalore,

29-10-69

for C.S.O. Adp

WD 012116—GPB—4,00,000—7-3-63

Sl. No. 8

64 17 ff

PROPOSED
VARADA VALLEY PINEAPPLE GROWERS'
CO-OPERATIVE SOCIETY LTD.

BANAWASI. Taluk: SIRSI.
(N.Kanara)

OFFICE OF THE MINISTER FOR FINANCE, PLANNING & YOUTH SERVICES
No. ...
Date 24 Sep 1969

The Hon'ble Minister for Forests,
Government of Mysore,
Vidhana Soudha,
BANGALORE-1.

Respected Sir,

Sub:- Grant of Forest Land for Pineapple cultivation - change of area .....
Request for .....

Ref:- Our application dt.21-7-1969.

Secretary A of
What is the opinion
this off regarding
pineapple

25/9/69

We refer to our application dated 21-7-1969 regarding the above subject in which we have requested you to grant S.No.1 of Madhuralli, S.No.12 of Gudnapur, S.No.258 of Ajjarani and 164 of Kadagod villages in Sirsi Taluka of Sirsi Division in North Kanara District, for Pineapple cultivation to the above society.

But on detail examination of this land by a team of experts, it is found that the interior part of this area is not suitable for the purpose. The reasons are:-

1) The tree growth in the interior is very thick and may require years to clear the area by cutting off the growth. With the result, it will not be possible to prepare the land for plantation of Pineapple within the stipulated period.

2) In the interior of this area the land surface is very undulated which makes irrigation very difficult.

3) Due to these reasons, the expenditure involved will be considerably high, which we cannot afford to, at this stage.

We therefore, are not interested in the above area for the present which may please be noted.

Further, we have selected another area just in this vicinity on the right bank of Varada river, comprising a compact area of about 943 acres at a stretch. The details of the area are as under:-

Contd.2.

In Sirsi Division. (N.Kanara District)

Village	S.No.	M.Forest A.G.	R.Forest A.G.	Total Area A.G.
Banawasi	166 A-1	126=36	217=37	344=33
Tigani	161	8=37	..	8=37
"	162	8=14	..	8=14
"	163	8=08	..	8=08
"	164	8=26	..	8=26
"	171	11=01	..	11=01
"	172	9=37	..	9=37
"	173	290=06	..	290=06
"	174	9=03	..	9=03
"	175	10=25	..	10=25
"	229 A	28=12	86=06	114=18
	Total:	520=05	304=03	824=08

In Sagar Division. (Shimoga District)

Hallikoppa (Sorab Taluka)	24	34=31	..	34=31
	41	84=19	..	84=19
	Total:	119=10	..	119=10

TOTAL

		824=08	In Sirsi Division
		119=10	In Sagar Division
M.Forest 639=15	+ R.Forest 304=03	943=18	Total Area

We have examined this area thoroughly and found very much suitable for the purpose of cultivating Pineapple. The reasons are as follows:-

1) This area is a plateau land with a gentle slope at either side from the ridge, raising up to the heart of the area. No undulations any where which makes irrigation easy.

2) The land is situated on the right bank of Varada river. So the entire area could be irrigated very conveniently by lift irrigation system.

3) In this area, S.Nos.161, 174 and 175 of Tigani village are notified areas in which the trees are cut off and no forest growth.

Contd.3.

66 915

4) In the remaining area also, particularly in S.No.173 of Tigani and 166 A-1 of Banawasi (minor forest area) the tree growth is so scarce that it looks as though it is a kuski land which could be taken up for cultivation immediately. There is absolutely no tree growth.

5) The soil is very well suited for cultivating Pineapple.

So, we prefer this land to the previous one and request you to kindly grant this land for our society. As we have requested in our previous application, the land may be granted to the society subject to the following terms:-

1) That the land may please be granted to the society free of occupancy price, on basis of long term base of 99 years, with provision to renew the lease on the expiry of the lease term.

2) That the land may be granted to the society with provision to sub-lease the land to the intended cultivators.

3) That the land may be granted to the society with provision to mortgage the land to any co-operative Bank, State Bank of India or any other financing agencies for raising finance for the activities of the Society.

4) That the land may be released to the society as it is, with the trees now standing on the land. As we are prepared for the out right purchase of the trees, a fair valuation of the standing trees wherever they are may be made and the amount may be recovered from the society by yearly instalments.

We request you to release the land with the trees, recovering the cost from us because of the following reasons:-

This project is an industry based on agricultural produce i.e. Pineapple fruits. The production planning in the canning unit of the project will be based on the supply of fruits from the plantation. Therefore the planning of plantation will have to be made in conjunction with the planning of production, so that the continuous supply of raw material (fruits) to the canning unit should be assured. Otherwise the entire plan will be up-set, which may involve great loss or the project itself may be ended up in failure.

For the execution of these plans the land will have to be prepared and kept ready for plantation as per plantation schedule. If some other agency is to cut off the trees and remove them, it is sure that we will never get the land in time for further operations and the work cannot be executed as per plan.

Contd.4.

67 8/14

From the past records, it is observed that invariably in all cases though the land is granted to the party it will take three to five years to take possession of the land from the contractors to whom the work of cutting the trees and removing them is entrusted. If it is delayed in this way, our project work cannot be carried out and it will be impossible to materialise the scheme.

Another handicap in entrusting the work of cutting trees to other agency is that they will cut the trees above the ground level leaving the stems behind. For cultivation purpose, these stems are to be uprooted. To uproot the stems is very difficult. But the standing trees could be uprooted easily by some mechanical devices which we propose to do.

In view of these difficulties, we earnestly request you to release the land with the standing trees to facilitate our planning and oblige.

Finance:- This is a society proposed to be started. It will have a share capital of Rs.5 lakhs out of which 50 % will be issued at the time of registration and the balance after one year. The society intends to take financial help from the Banks or any other financing agencies for the activities of the society. If necessary the society may also increase the share capital and issue the same to the public.

Regarding the activities of the society, we have described in our previous application and in the project report enclosed to it which we believe you are well aware of.

It is hoped that you will be kindly disposed to take immediate action for granting the land and oblige.

Thanking you in anticipation,

We remain Sir,

Yours faithfully,
For the Proposed Varada Valley
Pineapple Growers' Co-operative Society Ltd.

Banawasi.

20-9-1969.

(C.C.Mulgund)
Chief Promoter.

Enclosures:-
1) Sketch showing area asked for
2) Extracts of
   1) Record of Rights
   2) Gramanamuna No.1
   3) Forest Register No.1
3) No objection letter from Tigani Villagers.

Submitted through the Divisional Forest Officer, Sirsi Division, Sirsi, for necessary further action.

Copy submitted through the Divisional Forest Officer, Sagar Division Sagar for necessary action.

Submitted through the Hon'ble Minister for Finance for favour of necessary action.

Sl. No. 7

62

13

GOVERNMENT OF MYSORE

No. AFD 336 FGL 69.

MYSORE GOVERNMENT SECRETARIAT,
VIDHANA SOUDHA,

Dated, Bangalore, 29/9/1969.

FROM

The Secretary to the Government of Mysore,
Agriculture & Forest Department.

To The Chief Conservator of Forests
in Mysore, Bangalore.

Sir,

Sub: Grant of forest land for Pineapple cultivation - change of area - request for -

---

In enclosing a representation dated 20-9-1969 of M/s. Varada Valley Pineapple Growers' Cooperative Society Ltd., Banawasi, Taluk Sirsi made to the Minister for Forests, I am directed to request you send a report in the matter.

The original representation along with the sketch may be returned to Government along with your ~~remark~~ report.

Yours faithfully,

(M.Arya Mitra)
Under Secretary to Government,
Agriculture & Forest Department.

hns/27-9/

Sl. No. 6

Sub: as at Sl. No. 4.

69 ~~Sl. No. 5~~ 62 P.T.

ISSUED
Dated 29/9

AFD. 336-FQL-69

Cel,

In enclosing a representation dated 20.9.69 of M/s Vanada Valley Pineapple growers' Co-operative Society Ltd ~~addr~~ made to the M(F), I am directed to request you to send a report in the matter.

The original representation along with the sketch may be returned to Govt. along with your report.

[illegible]
26/9
[illegible]

81·N·3 70 175

No.B3/GFL.742/69-70.

Chief Conservator's Office
Bangalore:Dated: 10/9/1969.

To

The Secretary to Government,
Agriculture and Forest Department,
BANGALORE.

33305

Sir,

FGL SECTION
A.&F.D.
No.
Date 11 SEP 1969
Section S142/FB/69

Sub:-Representation of Varada Valley Pineapple Growers' Cooperative Society Ltd.,Sirsi for grant of land for Pineapple cultivation.

Ref:-Your No.AFD-336-FGL-69 Dated 16-8-1969 p. 4.

- - - -

During the discussion held in the Chambers of the Hon'ble Minister for Finance on 22-8-69, Hon.Minister for Finance informed that the Chief Promoter of the Society is going to select some alternate area in lieu of the are already selected by them. Hence submission of necessary report on the issue will be deferred till the alternate proposal is received.

Shri H K R
11-9-69

Yours faithfully,

D. Ranjundappa 9/9
Chief Conservator of Forests

81-N2

71 19

GOVERNMENT OF MYSORE

No. AFD 336 FGL 69.

MYSORE GOVERNMENT SECRETARIAT,
VIDHANA SOUDHA,

Dated, Bangalore, 16/8/1969.

FROM

The *Secretary to the Government of Mysore,*
Agriculture & Forest Department.

To. The Chief Conservator of Forests
in Mysore, Bangalore.

Sir,

Sub: Representation of Varada Valley Pineapple Growers' Cooperative Society Ltd., Sirsi for grant of land for pineapple cultivation.

In enclosing a copy of representation dated 21-7-69 with the Book let submitted by the proposed Varada Valley Pineapple Growers' Cooperative Society Ltd to the Minister for Forests along with an extract of the Minute of Minister for Finance dated 6-8-1969, I am directed to request you to examine in detail the scheme of the society to take up pineapple cultivation and whether the land asked for is in several S.Nos. and in continuity.

I am directed to request you to send a report regarding availibility of land etc.

The application (book let) may please be returned with your reply.

Yours faithfully,

16.8.69

(N.Shantha Raju)
Section Officer,
Agri.& Forest Department.

hns/16-8/

Copy of Minute of the Finance Minister dated 6-8-69.

The people of Sirsi Taluk in North Kanara District propose to take up pine apple cultivation on an extensive scale through cooperative efforts. They propose organising a Cooperative Society by name VARADA VALLEY PINEAPPLE GROWERS COOPERATIVE SOCIETY LTD., BANAWASI. The Chief Promoter of the proposed Society, Shri C.C.Mulgund, a progressive farmer and industrialist, has prepared a detailed report on the Project of Pineapple cultivation in Sirsi Taluk for the materialisation of which an extent of 657 acres and 13 guntas near Banaswasi, Sirsi Taluk, is required. It appears it is a compact area comprising S.No.1 of Madhuralli, S.No.12 of Gudnapur, S.No.164 of Kadagod, S.No.258 of Ajjrani villages. Barring S.No.12 of Gudnapur which is a forest land, other survey numbers are all minor jungles. The site has been selected under the guidance of experts. The Chief Promoter writes that the area referred to above may be released in favour of the society, free of occupancy price, on a long term lease of 99 years subject to the conditions specified by him in his letter dated 21-7-1969.

As this is a laudable venture in the agro-industrial sector, holding out a promising future for the area which is economically backward in the Taluk, Hon'ble Minister of State for Forests may kindly consider the request for release of land sympathetically.

The representation is enclosed.

S.I. No 2 73 8

Sub: Refn. of Vanada Valley Pineapple Growers' Co-operative Society Ltd — Sirsi for grant of land for pineapple cultivation.

AFD-336-Fee L69

CCF

In enclosing a copy of representation dated 21.7.69, along with the Booklet. submitted by the proposed Vanada Valley pineapple growers co-operative Society Ltd — to the Minister for Forests, I am directed to request you to examine and send a report in detail the scheme of the Society to take up pineapple cultivation and whether the land asked for is in several S. Nos and in continuity.

(p 1 to 4 of Booklet)

along with an extract of the minutes of Minister for Finance dated 6.8.69 (NOC I)

I am directed to request you to send a report regarding availability of land etc (Booklet) The application may be returned with your reply

ISSUED
Dated 6/8

13.8.69
S.O. AGP

74 Ack (P) 7

M. to Hon'ble Minister of State for Forests.

8/8

OFFICE OF THE MINISTER FOR FINANCE, PLANNING & YOUTH WELFARE.
No.....
Date 29 JUL 1969

PROPOSED
VARADA VALLEY PINEAPPLE GROWERS'
CO-OPERATIVE SOCIETY LTD.

BANAWASI. Taluk: SIRSI.

(N.Kanara)

RAMAKRISHNA HEGDE,
Minister for Finance,
Plg. & Youth Welfare.

The Hon'ble Minister for Finance,
Government of Mysore,
Vidhan Soudha,
BANGALORE.

Respected Sir,

It is proposed to take up cultivation of Pineapple on large areas collectively promoting an association in the co-operative sector.

On this proposal a project report is prepared in which all the relevant details are discussed. It is enclosed herewith for your perusal.

The land required for the purpose is to be granted and released by Government to the proposed Society, for which we have applied to the Hon'ble Minister for Forests, Government of Mysore, Bangalore. We enclose herewith a copy of the same for your information.

We request you to please study the case and help us to accelerate the process for which we will be ever grateful to you.

We remain Sir,

Yours faithfully,
For the Proposed Varada Valley
Pineapple Growers' Co-operative Society Ltd.

Mulgund

(C.C.Mulgund)
Chief Promoter.

Banavasi.

21-7-1969.

PROPOSED
VARADA VALLEY PINEAPPLE GROWERS'
CO-OPERATIVE SOCIETY LTD.

BANAWASI. Taluk: SIRSI.

(N. Kanara)

2773

R. & L. SECTION
A.&T.D.
No. 4707 78/69
Date 31 JUL 1969
Section

Min. of St. Forests.
No. Date.
MFP(N.12)291/69.

The Hon'ble Minister for Forests,
Government of Mysore,
Vidhana Soudha,
BANGALORE.

(ADVANCE COPY)

Secretary to examine the scheme of the Society to take up pineapple cultivation and allotting the land asked for in several S. Nos in Gudnapur in continuity and regarding availability of land. Report from CCF may be got.

Respected Sir,

Sub:- Grant of Land on lease in the Forest S.No.1 of Madhuralli, S.No.12 of Gudnapur, S.No.164 of Kadagod, S.No.258 of Ajjarani, Villages, in Sirsi Taluka, North Kanara District, for Pineapple Cultivation to the above proposed Society.

Request for .....

31/7/69
ALUR HANUMANTHAPPA
Min. of State for Forests

I have the honour to place before you the following subject for your kind consideration and necessary action.

It is a known fact that the fruit Pineapple is gaining importance on the dining table of today, and every day its consumption is increasing enormously in India and Abroad. With the result, Pineapple cultivation and processing have assumed the shape of major industries and contributing to a certain extent to solve the food problem.

It is a fruit grown in tropical regions and many tropical islands like Singapore, Hawaii, Philippines and Australia are growing and processing Pineapple on a very large scale.

In India, it is grown since ages; but not in large areas; nor on scientific basis. Recently, its importance has been realised and encouragement has been given to take up cultivation of this fruit by States and private companies.

In Mysore State, Coorg, North Kanara and other Malenad belts are proved to be very much suited for growing Pineapple, because of the geographical situation of the land, soil and climatic conditions of this area. Here, opportunities also have been created now for the

Contd.2.

cultivation of this fruit by the establishment of fruit processing plants, some in Coorg and Bangalore, and one in North Kanara District. In North Kanara District, the Kamadhenu Co-operative Dairy and Fruit Processing Society Ltd., Sirsi has put up a fruit processing plant near Navanageri in Sirsi Taluka. This plant has got enough capacity to process fruits grown in several thousand acres of land every year. This has created a potential ready market for Pineapples. It is certainly a boon to the farmers of this area and also to those who are interested in agro-based industries.

Cold countries cannot grow Pineapple. Therefore they import their requirements of this fruit which is ofcourse, processed and canned - and provide a great export market to those who are cultivating this fruit. To us it is a great opportunity to earn foreign exchange. It is needless to say that it is the need of the hour for us.

In view of these facts, to make us avail of the opportunities created by the establishment of the fruit processing unit by the above said Kamadhenu Society, it is proposed to take up cultivation of Pineapple through some association collectively in the Co-operative sector. The details of the proposal are as under:

Presently, it is proposed to promote a Society by name "Varada Valley Pineapple Growers' Co-operative Society Ltd." at Banawasi in Sirsi Taluka, North Kanara District, with an authorised Share Capital of Rs. 5 Lakhs, and take up cultivation of Pineapple in about 600 acres of land in the first phased programme.

On this proposal a small project report is prepared, in which all the relevant factors are discussed to the required length. I enclose a copy of the project report for your kind perusal. We believe, this report will give you the necessary information regarding all the aspects of Pineapple cultivation and about our present project. The economics of the project also are discussed in the third part of the report, which are very encouraging.

For the materialization of this project, a site is selected with the help of some Indian and Foreign experts. The site is near Banawasi in Sirsi Taluka, comprising a compact area of 657 acres at a stretch. The details of the area selected are as follows:-

	Village	S.No.	Area in acres	Remarks
1.	Madhuralli	1	266=00	Minor Jungle.
2.	Gudnapur	12	273=33	Forest.
3.	Ajjarani	258	80=02	Minor Jungle.
4.	Kadagod	164	37=18	"
		Area Total.	657=13	

Contd.3.

This land is examined by Horticultural experts and also by one foreign expert by name Mr.C.Axelsen from Australia. He had come to India on behalf of the Rotary International to give free advice on Pineapple cultivation and processing. He visited the proposed land personally and roamed about there for an hour. After examining all the possible aspects, he expressed his great satisfaction about the sublime qualities of the land for Pineapple cultivation. So,this land is selected for the purpose.

Sir, with these details, we are approaching you with a request kindly to grant the afore said land of 657 acres in the name of the above proposed Society and enable it to proceed ahead in the matter. While according sanction for the grant of the land, the following points may please be taken into consideration:

1) That the land may please be granted to the Society free of occupancy price on basis of long term 99 years' lease, with provision to renew the lease after the expiry of the lease term.

2) That the land may be granted to the Society with provision to sub-lease the land to the intended cultivators.

3) That the land may be released to the Society as it is, with the trees now standing on the land. The jungle clearing work will be done by the Society itself. Therefore, a fair valuation of the standing trees may be made and the amount may be recovered from the Society by yearly instalments.

4) That the land may be released to the Society with provision to mortgage the land to any Co-operative Bank, State Bank of India, Commercial Banks or any other financing agencies for raising finance for the Society's activities.

With these terms, we request you Sir, to please grant the land to the Society and oblige. The Society is prepared to abide by any other terms and conditions which may be imposed by the Government for the grant of the said land.

Sir, this is a venture unique in its pattern and a step towards building up a healthy society with our accepted aim of socialistic pattern of economy. We believe, you will be fully convinced about the project and also about the scope for cultivation of Pineapple and its development in fture in this area. So we hope, you will be kind enough to grant the land and encourage the Society to achieve its objective.

Contd.4.

I am submitting this application to you on behalf of the proposed Society as its Chief Promoter by virtue of a resolution passed in the first meeting of promoters held at Banawasi on the 22nd June, 1969. A copy of the resolution is appended herewith. We also enclose the sketches of all the survey numbers of the area asked for along with other required records for reference.

It is hoped that you will be kindly disposed to take immediate action for granting the land and oblige.

Thanking you in anticipation,

We remain Sir,

Yours faithfully,
For the Proposed Varada Valley
Pineapple Growers' Co-operative Society Ltd.,

Banawasi.
N.Kanara

21-7-1969.

(C.C.Mulgund)
Chief Promoter.

Enclosures:-

1. Sketch showing the compact area of all the S.No.s asked for.
2. Four sketches of Individual S.No.s i.e., 1 of Madhuralli, 12 of Gudnapur, 258 of Ajjarani and 164 of Kadagod (Villages).
3. Extract of Record of Rights.
4. Extract of Grama Namuna No.1 (Land Register).
5. Extract of Forest Register No.1.
6. Copy of Resolution of the 1st meeting.
7. Project Report Copy.

(Submitted through the Divisional Forest Officer, Sirsi Division, Sirsi, for necessary further action)

Copy of Resolution No.5 passed in the First Meeting of the promoters of the proposed Varada Valley Pineapple Growers' Co-operative Society Ltd., held at Banawasi on the 22nd June '69,

---0---

" RESOLVED that Sri C.C.Mulgund of Banawasi be and is hereby appointed as the Chief Promoter and that he be authorised to take up all proceedings and necessary actions for the furtherance of the objects of the proposed Varada Valley Pineapple Growers' Co-operative Society Ltd.,Banawasi. "

---0---

Banawasi.(N.Kanara)

Sd/-
(G.S.Hegde)
Chairman of the Meeting.

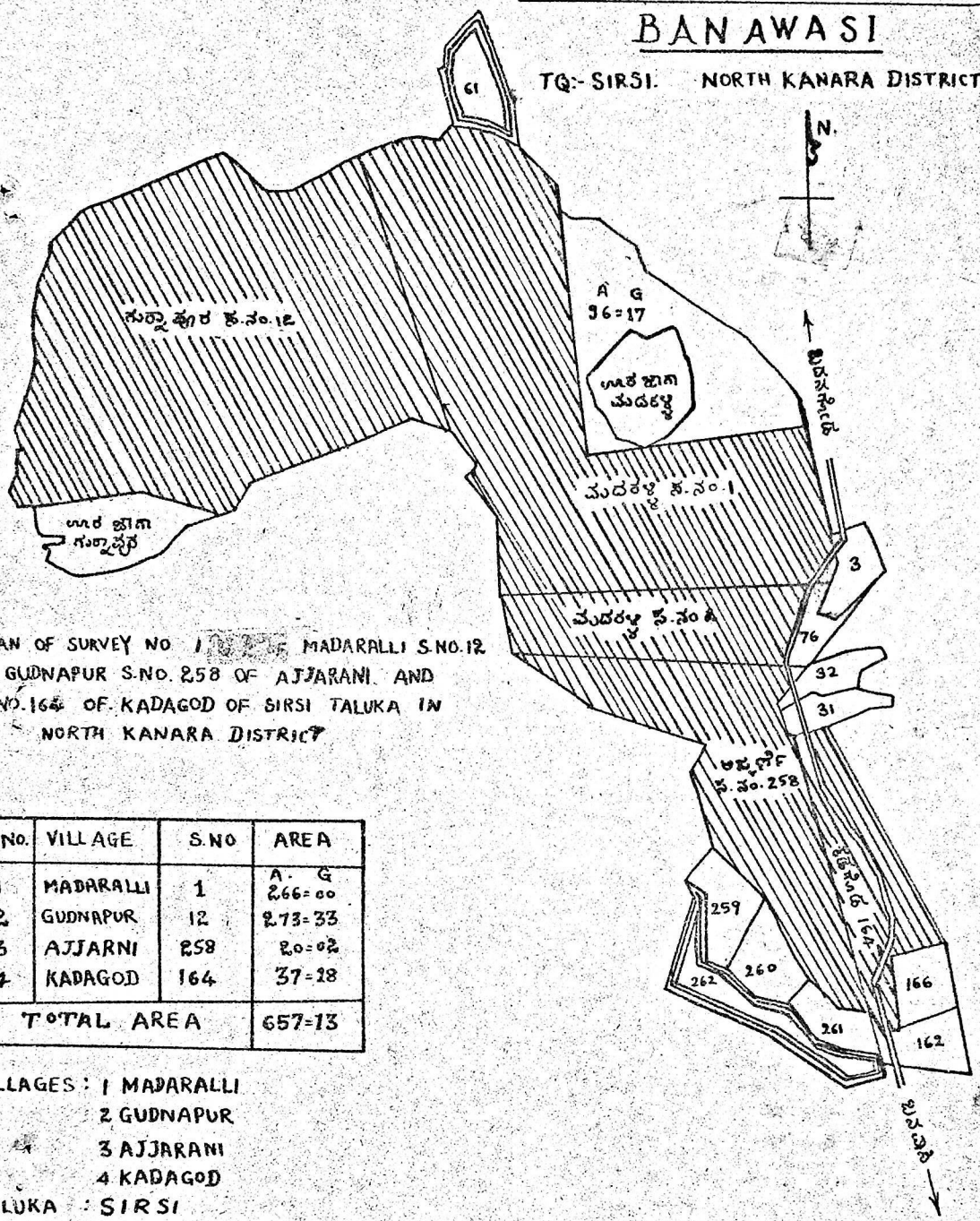
21st July 1969.

"True Copy"

PROPOSED LAND TO BE ACQUIRED FOR VARADA VALLEY PINEAPPLE GROWERS COOPERATIVE SOCIETY

BANAWASI

TQ:- SIRSI. NORTH KANARA DISTRICT



PLAN OF SURVEY NO 1 OF MADARALLI S.NO.12 OF GUDNAPUR S.NO. 258 OF AJJARANI AND S.NO.164 OF KADAGOD OF SIRSI TALUKA IN NORTH KANARA DISTRICT

S.No.	VILLAGE	S.NO	AREA
1	MADARALLI	1	A. G 266=00
2	GUDNAPUR	12	273=33
3	AJJARNI	258	20=02
4	KADAGOD	164	37=28
TOTAL AREA			657=13

VILLAGES : 1 MADARALLI
2 GUDNAPUR
3 AJJARANI
4 KADAGOD

TALUKA : SIRSI

DISTRICT : NORTH KANARA

PROPOSED
VARADA VALLEY PINEAPPLE GROWERS'
CO-OPERATIVE SOCIETY LTD.

BANAWASI. Taluk: SIRSI.
(N.Kanara)

81

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The Hon'ble Minister for Forests,
Government of Mysore,
Vidhana Soudha,
BANGALORE-1.

Respected Sir,

Sub:- Grant of Forest Land for Pineapple cultivation - change of area .....
Request for .....

Ref:- Our application dt.21-7-1969.

We refer to our application dated 21-7-1969 regarding the above subject in which we have requested you to grant S.No.1 of Madhuralli, S.No.12 of Gudnapur, S.No.258 of Ajjarani and 164 of Kadagod villages in Sirsi Taluka of Sirsi Division in North Kanara District, for Pineapple cultivation to the above society.

But on detail examination of this land by a team of experts, it is found that the interior part of this area is not suitable for the purpose. The reasons are:-

1) The tree growth in the interior is very thick and may require years to clear the area by cutting off the growth. With the result, it will not be possible to prepare the land for plantation of Pineapple within the stipulated period.

2) In the interior of this area the land surface is very undulated which makes irrigation very difficult.

3) Due to these reasons, the expenditure involved will be considerably high, which we cannot afford to, at this stage.

We therefore, are not interested in the above area for the present which may please be noted.

Further, we have selected another area just in this vicinity on the right bank of Varada river, comprising a compact area of about 943 acres at a stretch. The details of the area are as under:-

Contd.2.

82

In Sirsi Division. (N.Kanara District)

Village	S.No.	M.Forest A.G.	R.Forest A.G.	Total Area A.G.
Banawasi	166 A-1	126=36	217=37	344=33
Tigani	161	8=37	..	8=37
"	162	8=14	..	8=14
"	163	8=08	..	8=08
"	164	8=26	..	8=26
"	171	11=01	..	11=01
"	172	9=37	..	9=37
"	173	290=06	..	290=06
"	174	9=03	..	9=03
"	175	10=25	..	10=25
"	229 A	28=12	86=06	114=18
	Total:	520=05	304=03	824=08

In Sagar Division. (Shimoga District)

Hallikoppa (Sorab Taluka)	24	34=31	..	34=31
	41	84=19	..	84=19
	Total:	119=10	..	119=10

TOTAL

	824=08	In Sirsi Division
	119=10	In Sagar Division
M.Forest 639=15 + R.Forest 304=03	943=18	Total Area

We have examined this area thoroughly and found very much suitable for the purpose of cultivating Pineapple. The reasons are as follows:-

1) This area is a plateau land with a gentle slope at either side from the ridge, raising up to the heart of the area. No undulations any where which makes irrigation easy.

2) The land is situated on the right bank of Varada river. So the entire area could be irrigated very conveniently by lift irrigation system.

3) In this area, S.Nos.161, 174 and 175 of Tigani village are notified areas in which the trees are cut off and no forest growth.

Contd.3.

4) In the remaining area also, particularly in S.No.173 of Tigani and 166 A-1 of Banawasi (minor forest area) the tree growth is so scarce that it looks as though it is a kuski land which could be taken up for cultivation immediately. There is absolutely no tree growth.

5) The soil is very well suited for cultivating Pineapple.

So, we prefer this land to the previous one and request you to kindly grant this land for our society. As we have requested in our previous application, the land may be granted to the society subject to the following terms:-

1) That the land may please be granted to the society free of occupancy price, on basis of long term base of 99 years, with provision to renew the lease on the expiry of the lease term.

2) That the land may be granted to the society with provision to sub-lease the land to the intended cultivators.

3) That the land may be granted to the society with provision to mortgage the land to any co-operative Bank, State Bank of India or any other financing agencies for raising finance for the activities of the Society.

4) That the land may be released to the society as it is, with the trees now standing on the land. As we are prepared for the out right purchase of the trees, a fair valuation of the standing trees wherever they are may be made and the amount may be recovered from the society by yearly instalments.

We request you to release the land with the trees, recovering the cost from us because of the following reasons:-

This project is an industry based on agricultural produce i.e. Pineapple fruits. The production planning in the canning unit of the project will be based on the supply of fruits from the plantation. Therefore the planning of plantation will have to be made in conjunction with the planning of production, so that the continuous supply of raw material (fruits) to the canning unit should be assured. Otherwise the entire plan will be up-set, which may involve great loss or the project itself may be ended up in failure.

For the execution of these plans the land will have to be prepared and kept ready for plantation as per plantation schedule. If some other agency is to cut off the trees and remove them, it is sure that we will never get the land in time for further operations and the work cannot be executed as per plan.

Contd.4.

84

From the past records, it is observed that invariably in all cases though the land is granted to the party it will take three to five years to take possession of the land from the contractors to whom the work of cutting the trees and removing them is entrusted. If it is delayed in this way, our project work cannot be carried out and it will be impossible to materialise the scheme.

Another handicap in entrusting the work of cutting trees to other agency is that they will cut the trees above the ground level leaving the stems behind. For cultivation purpose, these stems are to be uprooted. To uproot the stems is very difficult. But the standing trees could be uprooted easily by some mechanical devices which we propose to do.

In view of these difficulties, we earnestly request you to release the land with the standing trees to facilitate our planning and oblige.

Finance:- This is a society proposed to be started. It will have a share capital of Rs.5 lakhs out of which 50 % will be issued at the time of registration and the balance after one year. The society intends to take financial help from the Banks or any other financing agencies for the activities of the society. If necessary the society may also increase the share capital and issue the same to the public.

Regarding the activities of the society, we have described in our previous application and in the project report enclosed to it which we believe you are well aware of.

please discuss with the previous papers. SS 22/9

It is hoped that you will be kindly disposed to take immediate action for granting the land and oblige.

Thanking you in anticipation,

We remain Sir,

Yours faithfully,
For the Proposed Varada Valley
Pineapple Growers' Co-operative Society Ltd.

Mulgund

(C.D.Mulgund)
Chief Promoter.

Banawasi.

20-9-1969.

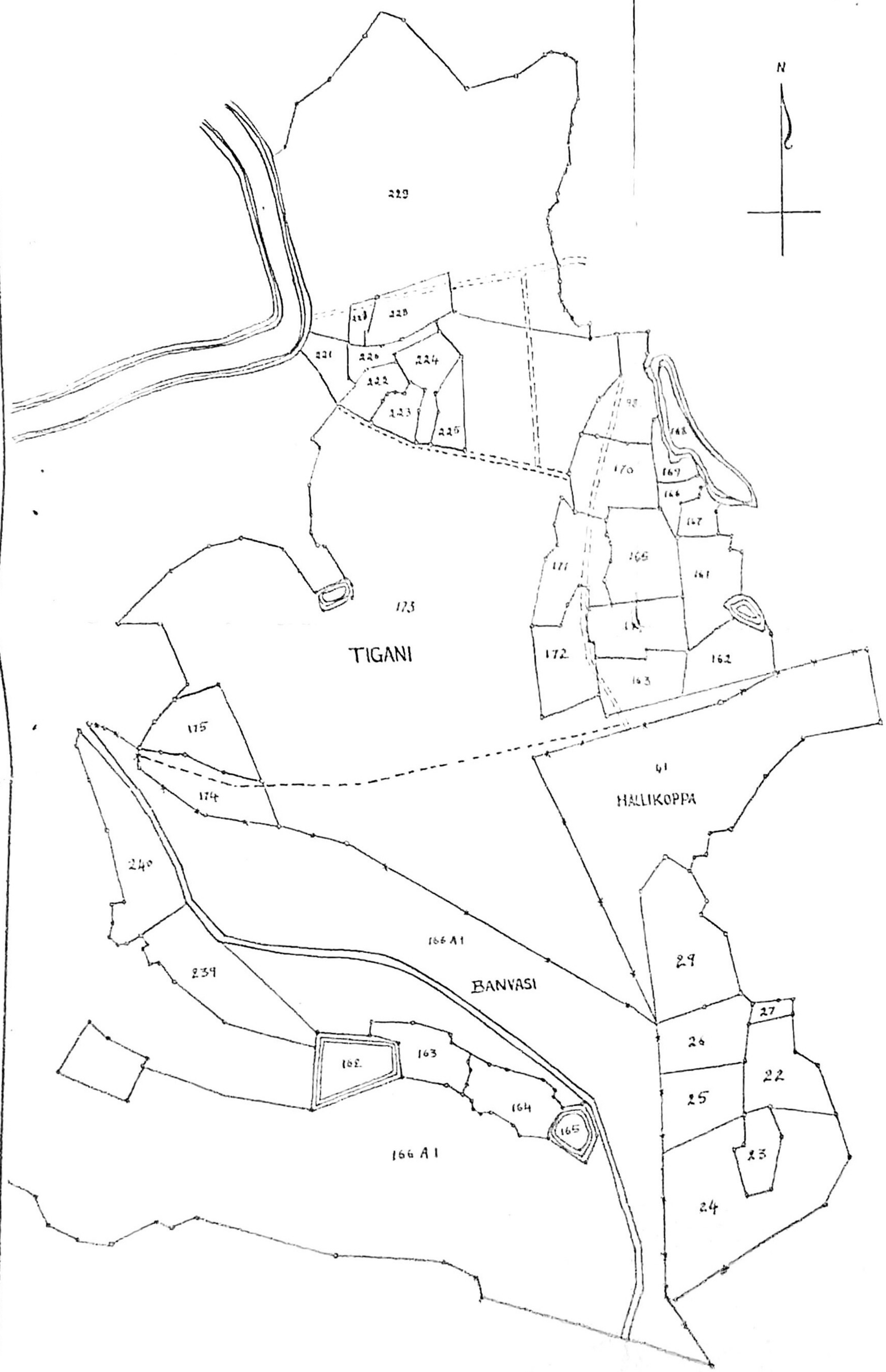
Enclosures:-
1) Sketch showing area asked for
2) Extracts of
   1) Record of Rights
   2) Gramanamuna No.1
   3) Forest Register No.1
3) No objection letter from Tigani Villagers.

Submitted through the Divisional Forest Officer, Sirsi Division, Sirsi, for necessary further action.

Copy submitted through the Divisional Forest Officer, Sagar Division Sagar for necessary action.

Proposed Varda Valley Pineapple Growers Co Operators Society Ltd.

Banawasi (N.K.)



Area Asked For

In Sirsi Division (N.K. Dist.) Taluka. Sirsi

Village	S. No	Area M. Forest A G	Area R. Forest A G	Total Area A. G
Banwasi	166 A1	126 - 36	217 - 37	344 - 33
Tigani	161	8 - 37	–	8 - 37
"	162	3 - 14	–	8 - 14
"	163	8 - 8	–	8 - 8
"	164	3 - 26	–	8 - 26
"	171	11 - 1	–	11 - 1
"	172	9 - 37	–	9 - 37
"	173	290 - 6	–	290 - 6
"	174	9 - 3	–	9 - 3
"	175	10 - 25	–	10 - 25
"	229 A	28 - 12	86 - 6	114 - 18
Total		520 - 5	304 - 3	824 - 8

In Sagar division (Simoga. Dist) Taluka-Sorab

Hallikoppa	24	34 - 5	–	34 - 31
"	41	84 - 19	–	34 - 19
Total		119 - 10	–	119 - 10

Total Area

	A - G
In Sirsi Division	824 - 8
In Sagar Division	119 - 10

M F A G	R.F A G	
629 - 15	+ 304 - 3	943 - 18
639 - 15		

—x—x— This line denotes the common boundary line of the village

ಮಾನ್ಯ ಡಿವಿಜನಲ್ ಫಾರೆಸ್ಟ್ ಆಫೀಸರ್ ಸಾಹೇಬರು ಡಿವಿಜನ್ 86
ಸಾಹೇಬರವರ ಬಳಿಗೆ

ಈಕೆಳಗೆ ಸಹಿಮಾಡಿದ ಸಾಹೇಬರು. ಬನವಾಸಿ ಹೋಬಳಿ ಆನಲೆ ಗ್ರಾಮದ ನಿವಾಸಿಗಳಾದ ನಾವು ಬರೆಸಿಕೊಟ್ಟ ಕೋರಿಕೆ ಏನಂದರೆ :-

ನಮ್ಮ ಗ್ರಾಮದ ಸ.ನಂ. 161, 162.163, 164.171/172 173.174.175, 229 ಇವು ಮೈನರ್ ಜಂಗಲ್ ಅಥವಾ ಸಂರಕ್ಷಿತ ಭೂಮಿಗಳಲ್ಲಿದ್ದು ಇವುಗಳ ಅಜಮಾಸು ಕ್ಷೇತ್ರ 400. ಎಕರೆ ಆಗಬಹುದು ಈ ಭೂಮಿಯನ್ನು ಮೈನ್ ಲೆವಲ್ ಡಂಗೂರ ಬೆಳೆಯುವುದಕ್ಕಾಗಿ, ಬನವಾಸಿಯಲ್ಲಿ ನೈಸರ್ಗಿಕ ವಾಗಿ ಅರುವ, ವರದಾ ಪ್ರ/ಲ ಮೈನ್ಸ್‌ಗಳ ಸ್ಟ್ರಾಂಗ್ ಕೋ. ಲೆವರೇಜ್ ಸೊಸೈಟಿ ಅಲುಬೆಡ ಇವರು ಬೇಡಿದ್ದಾರೆಂದು ತಿಳಿಯಿತು. ಈ ಭೂಮಿಯನ್ನು ಅವರಿಗೆ ಕೊಡಲಿಕ್ಕೆ ನಮ್ಮ ಅಭ್ಯಂತರವಿಲ್ಲದೆ ಇದೆ. ಈ ಜಮೀನ ಕೈಗಾರಿಕೆಯ [illegible] ನಮ್ಮ ಊರಿಗೆ ಹತ್ತಿರದಲ್ಲಿ ಆಗುವುದರಿಂದ ನಮಗೆಲ್ಲ ಅದರಿಂದ ತುಂಬಾ ಪ್ರಯೋಜನ ವಾಗುವುದು ನಮಗೆ ತಿಳಿದಿದೆ. ಆದ್ದರಿಂದ ಅವರ್ಗವಾಗಿ ನಿರಕ್ಷೇಪಣೆ ಮೇಲ್ಕಾಣಿಸಿದ ಸೊಸೈಟಿಗೆ [illegible] ಧಳವನ್ನು ಕೊಡಬೇಕಾಗಿ ನಮ್ಮ ಪ್ರಾರ್ಥನೆ ಇದೆ.

ತಾ: ಶಿ

ತಾ, -9-69

ವೀರಪ್ಪಮಲ್ಲಿಂಗಪ್ಪಗೌಡ
ಈರಭದ್ರಗೌಡ ಬಸವಂತಗೌಡ
ಚಂದ್ರಶೇಖರಗೌಡ
ಬಸವಪೌಗೌಡ್ರ
ಕಲ್ಲಪ್ಪ ಬಸಪ್ಪ. ಮಾಮಾಲಾ
ಹೆಚ್ಚಾ. ಸಲ್ಲಾ. ಕನವಳ್ಳಿ.
ರುದ್ರಪ್ಪ
ಮಲ್ಲಪ್ಪ ಬಸವಲಿಂಗಪ್ಪಗೌಡ
ಕಲ್ಲಯ್ಯ ಕರಬ. ಗಾಳ್ಳಿ
ಗಾಳ್ಳಿ ಗಾಯಿ ಗುರ್ಪಾ
ಗುರ್ಪಾ ಶೆಟ್ಟಿ ಮಾಳ್ಳ ಗುರ್ಪಾಜ್ಜ
ಶಿವಣ್ಣ ಬಂಗಾರಪ್ಪ
[illegible]

ಅಯ್ಯಪ್ಪ ಯಮ್ಮಿಂಗಪ್ಪಗೌಡ
ಮಲ್ಲಪ್ಪ ಬಿರಪ್ಪಗೌಡ
ಬಸವಗೌಡ ಬಿಡಿಕಿಗೌಡ
ಬ. ಗೌರಪ್ಪ ಲಿಂಗಪ್ಪ
ಶಂಕರ ಈರಪ್ಪಗೌಡ
[illegible]
ಗುಲಪ್ಪ ಬಿಂದಪ್ಪಗೌಡ
ಕೆಂಚಪ್ಪ ಮಲ್ಲಿಕಾರ್ಜುನಗೌಡ
ರುದ್ರಪ್ಪ ಕೊಟ್ರಪ್ಪಗೌಡ
ಬಸವಪ್ಪ ಬಿಂದಪ್ಪಗೌಡ
ಶಂಕರ ಬಸವಪ್ಪಗೌಡ
ಅಣ್ಣಪ್ಪ ಈರಪ್ಪ ಬಂಗಾರಪ್ಪಗೌಡ

ರೆಕಾರ್ಡ ಆಫ್ ರೈಟ್ಸ ಗೇಣಿ ಮತ್ತು ಪಹಣಿ ಪತ್ರಿಕೆ.

ತಾಲೂಕೆ:— ಹೋಬಳಿ:— ಗ್ರಾಮ:—

(1) ಸರವೆ ನಂಬರು	(2) ಹಿಸ್ಸಾ	(3) ಶೇತವಾರ	ಎ. ಗು.	(4) ಕಂದಾಯ	ರೂ. ಆ. ಪೈ.	(5) ಮಣ್ಣಿನ ನಮೂನೆ
166	ಅ 1	ಒಟ್ಟು ವಿಸ್ತೀರ್ಣ	344-33	ಅ) ಭೂಕಂದಾಯ		
		ಪೋಟಖರಾಬ (ಅ)		ಬ) ಜ್ಯಾಡಿ		
		ಪೋಟಖರಾಬ (ಬ)	344-33	ಕ) ಸೆಸ್ಸುಗಳು		
				ಡ) ನೀರಿನ ರೇಟು		
		ಉಳಿದದ್ದು ...		ಒಟ್ಟು ...		

(6) ಪಟ್ಟಾ	(7) ಮರಗಳ ಸಂಖ್ಯೆ		(8) ಶೇತವಾರ ಪ್ರಕಾರ ಮತ್ತು ವಿಸ್ತೀರ್ಣ					
	ಹೆಸರು	ಸಂಖ್ಯೆ	ಅ. ನಂ.	ನೀರಾವರಿಯ ಮೂಲ	ಮುಂ-ಗಾರು	ಹಿಂಗಾರು	ಭಾಗಾಯ್ತು	ಒಟ್ಟು

(9) ಕಬಜೆದಾರ ಅಥವಾ ಸ್ವಾಧೀನದಾರರ ಹೆಸರು ಮತ್ತು ವಿಳಾಸ	ಖಾತೆ ನಂಬರು	(10) ಕಬಜೆ ಅಥವಾ ಸ್ವಾಧೀನತೆಯ ರೀತಿ	(11) ಇತರ ಹಕ್ಕುಗಳು ಮತ್ತು ಋಣಗಳು
(430) (660)			88

(12) ಗೇಣಿಯ ವಿವರಗಳು

ವರ್ಷ ಮತ್ತು ಕಾಲ	ವ್ಯವಸಾಯಗಾರನ ಹೆಸರು ಮತ್ತು ವಾಸಸ್ಥಳ	ಸಾಗುವಳಿ ಪದ್ಧತಿ	ಗೇಣಿ ವಿವರ: ವಿಸ್ತೀರ್ಣ	ಗೇಣಿ ವಿವರ: ಗುತ್ತಿಗೆ
1	2	3	4	5
1968 / 1969	— ಇಲ್ಲ —	—	—	—

(13) ಭೂಮಿಯ ಉಪಯೋಗ ಮತ್ತು ಬೆಳೆಗಳ ವಿವರ

ಭೂಮಿಯ ಉಪಯೋಗ: ವರ್ಗ	ಭೂಮಿಯ ಉಪಯೋಗ: ವಿಸ್ತೀರ್ಣ	ಖುಷ್ಕಿ ತರಿ ಭಾಗಾಯತ	ಬೆಳೆಯ ಹೆಸರು	ವಿಸ್ತೀರ್ಣ: ಅಮಿಶ್ರ	ವಿಸ್ತೀರ್ಣ: ಮಿಶ್ರ	ವಿಸ್ತೀರ್ಣ: ಒಟ್ಟು	ನೀರಾವರಿ ಮೂಲ	ಎಕರೆಯ ಉತ್ಪತ್ತಿ	ಮಿಶ್ರ ಬೆಳೆಗಳ ಒಟ್ಟು: ಮಿಶ್ರಣದ ಹೆಸರು	ಮಿಶ್ರ ಬೆಳೆಗಳ ಒಟ್ಟು: ವಿಸ್ತೀರ್ಣ
6	7	8	9	10	11	12	13	14	15	16
ಅ	344-33									

ಉಪವಿಭಾಗಾಧಿಕಾರಿ
ದಿನಾಂಕ 16-9-1969
ಉ.ಇ.ಉಪವಿಭಾಗ

87

T. Balasundarappa Gowda patil

శ్రీ గణేశాయ నమః

గురవే బుద్ధిప్రదాయకే

బంగారప్ప మధురం పత్రికా

నింగప్ప శివప్ప

మల్లారప్ప తెరకప్ప

రుద్రప్ప కరకప్ప

బసవన్న బసవన్న

గుడికి కరియప్ప

బసవంతప్ప మిల్లుకు

కరప్ప మల్లప్ప

M.V. Gowda

చిలకమర్రి పట్టణం

ರೆಕಾರ್ಡ ಆಫ್ ರೈಟ್ಸ ಗೇಣಿ ಮತ್ತು ಪಹಣಿ ಪತ್ರಿಕೆ.

ತಾಲೂಕ:— ಅಥಣಿ ಹೋಬಳಿ:— ಮಹಿಷವಾಡಿ ಗ್ರಾಮ:— ಕೆಸ್ತಿ

(1) ಸರವೆ ನಂಬರು	(2) ಹಿಸ್ಸಾ	(3) ಶೇತವಾರ	ಎ. ಗು.	(4) ಕಂದಾಯ	ರೂ. ಆ. ಪೈ.	(5) ಮಣ್ಣಿನ ನಮೂನೆ
161		ಒಟ್ಟು ವಿಸ್ತೀರ್ಣ	8-37	ಅ) ಭೂಕಂದಾಯ		
		ಪೋಟಖರಾಬ (ಅ)		ಬ) ಜ್ಯಾಡಿ		
		ಪೋಟಖರಾಬ (ಬ)	8-37	ಕ) ಸೆಸ್ಸುಗಳು		
				ಡ) ನೀರಿನ ರೇಟು		
		ಉಳಿದದ್ದು ...		ಒಟ್ಟು ...		

(6) ಪಟ್ಟಾ	(7) ಮರಗಳ ಸಂಖ್ಯೆ		(8) ಶೇತವಾರ ಪ್ರಕಾರ ಮತ್ತು ವಿಸ್ತೀರ್ಣ					
	ಹೆಸರು	ಸಂಖ್ಯೆ	ಅ. ನಂ.	ನೀರಾವರಿಯ ಮೂಲ	ಮುಂ-ಗಾರು	ಹಿಂಗಾರು	ಭಾಗಾಯ್ತು	ಒಟ್ಟು

(9) ಕಬಜೆದಾರ ಅಥವಾ ಸ್ವಾಧೀನದಾರನ ಹೆಸರು ಮತ್ತು ವಿಳಾಸ	ಖಾತೆ ನಂಬರು	(10) ಕಬಜೆ ಅಥವಾ ಸ್ವಾಧೀನತೆಯ ರೀತಿ	(11) ಇತರ ಹಕ್ಕುಗಳು ಮತ್ತು ಋಣಗಳು
ಬಿ. ಮಲ್ಲಿಕಾರ್ಜುನ ಕೆ. ಕೆಸ್ತಿ (261)			89

(12) ಗೇಣಿಯ ವಿವರಗಳು / (13) ಭೂಮಿಯ ಉಪಯೋಗ ಮತ್ತು ಬೆಳೆಗಳ ವಿವರ

ವರ್ಷ ಮತ್ತು ಕಾಲ	ವ್ಯವಸಾಯಗಾರನ ಹೆಸರು ಮತ್ತು ವಾಸಸ್ಥಳ	ಸಾಗುವಳಿ ಪದ್ಧತಿ	ಗೇಣಿ ವಿವರ: ವಿಸ್ತೀರ್ಣ	ಗೇಣಿ ವಿವರ: ಗುತ್ತಿಗೆ	ಭೂಮಿಯ ಉಪಯೋಗ: ವರ್ಗ	ಭೂಮಿಯ ಉಪಯೋಗ: ವಿಸ್ತೀರ್ಣ	ಮುಷ್ಟಿ ತರಿ ಭಾಗಾಯತ	ಬೆಳೆಯ ಹೆಸರು	ವಿಸ್ತೀರ್ಣ: ಅಮಿಶ್ರ	ವಿಸ್ತೀರ್ಣ: ಮಿಶ್ರ	ವಿಸ್ತೀರ್ಣ: ಒಟ್ಟು	ನೀರಾವರಿ ಮೂಲ	ಎಕರೆಯ ಉತ್ಪತ್ತಿ	ಮಿಶ್ರ ಬೆಳೆಗಳ ಒಟ್ಟು: ಮಿಶ್ರಣದ ಹೆಸರು	ಮಿಶ್ರ ಬೆಳೆಗಳ ಒಟ್ಟು: ವಿಸ್ತೀರ್ಣ
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1968/1969	ಬಿ. ಮಲ್ಲಿಕಾರ್ಜುನ ಕೆ. ಕೆಸ್ತಿ				ಅ	8-37									

ಸಹಿ ಮಾಡಿದ ದಿನಾಂಕ 12-9-1969

2

ರೆಕಾರ್ಡ ಆಫ್ ರೈಟ್ಸ ಗೇಣಿ ಮತ್ತು ಪಹಣಿ ಪತ್ರಿಕೆ.

ತಾಲೂಕ:— ಕಡಕೋಳ ಹೋಬಳಿ:— ಮುಚಖಂಡಿ ಗ್ರಾಮ:— ಇಟಗಿ

(1) ಸರವೆ ನಂಬರು	(2) ಹಿಸ್ಸಾ	(3) ಶೇತವಾರ	ಎ.	ಗು.	(4) ಕಂದಾಯ	ರೂ.	ಆ.	ಪೈ.	(5) ಮಣ್ಣಿನ ನಮೂನೆ
162		ಒಟ್ಟು ವಿಸ್ತೀರ್ಣ	8	14	ಅ) ಭೂಕಂದಾಯ				
		ಪೋಟಖರಾಬ (ಅ)			ಬ) ಜ್ಯಾಡಿ				
		ಪೋಟಖರಾಬ (ಬ)	8	14	ಕ) ಸೆಸ್ಸುಗಳು				
					ಡ) ನೀರಿನ ರೇಟು				
		ಉಳಿದದ್ದು ...			ಒಟ್ಟು ...				

(6) ಪಟ್ಟಾ	(7) ಮರಗಳ ಸಂಖ್ಯೆ		(8) ಶೇತವಾರ ಪ್ರಕಾರ ಮತ್ತು ವಿಸ್ತೀರ್ಣ					
	ಹೆಸರು	ಸಂಖ್ಯೆ	ಅ. ನಂ.	ನೀರಾವರಿಯ ಮೂಲ	ಮುಂ-ಗಾರು	ಹಿಂಗಾರು	ಭಾಗಾಯ್ತು	ಒಟ್ಟು

(9) ಕಬಜೆದಾರ ಅಥವಾ ಸ್ವಾಧೀನದಾರನ ಹೆಸರು ಮತ್ತು ವಿಳಾಸ	ಖಾತೆ ನಂಬರು	(10) ಕಬಜೆ ಅಥವಾ ಸ್ವಾಧೀನತೆಯ ರೀತಿ	(11) ಇತರ ಹಕ್ಕುಗಳು ಮತ್ತು ಋಣಗಳು
ಹಂಪಣ್ಣ ಮಾದರ ಇಟಗಿ (262)			90

(12) ಗೇಣಿಯ ವಿವರಗಳು

ವರ್ಷ ಮತ್ತು ಕಾಲ	ವ್ಯವಸಾಯಗಾರನ ಹೆಸರು ಮತ್ತು ವಾಸಸ್ಥಳ	ಸಾಗುವಳಿ ಪದ್ಧತಿ	ಗೇಣಿ ವಿವರ	
			ವಿಸ್ತೀರ್ಣ	ಗುತ್ತಿಗೆ
1	2	3	4	5
1968 / 1969	ಹಂಪಣ್ಣ ಮಾದರ ಇಟಗಿ	—	—	—

(13) ಭೂಮಿಯ ಉಪಯೋಗ ಮತ್ತು ಬೆಳೆಗಳ ವಿವರ

ಭೂಮಿಯ ಉಪಯೋಗ		ಖುಷ್ಕಿ ತರಿ ಭಾಗಾಯತ	ಬೆಳೆಯ ಹೆಸರು	ವಿಸ್ತೀರ್ಣ			ನೀರಾವರಿ ಮೂಲ	ಎಕರೆಯ ಉತ್ಪತ್ತಿ	ಮಿಶ್ರ ಬೆಳೆಗಳ ಒಟ್ಟು	
ವರ್ಗ	ವಿಸ್ತೀರ್ಣ			ಅಮಿಶ್ರ	ಮಿಶ್ರ	ಒಟ್ಟು			ಮಿಶ್ರಣದ ಹೆಸರು	ವಿಸ್ತೀರ್ಣ
6	7	8	9	10	11	12	13	14	15	16
ಅ	8-14									

ಅಸಿಸ್ಟಂಟ್ ಕಂದಾಯ ಕಮಿಶನರ್
ದಿನಾಂಕ: 12-9-1969

3

ರೆಕಾರ್ಡ ಆಫ್ ರೈಟ್ಸ ಗೇಣಿ ಮತ್ತು ಪಹಣಿ ಪತ್ರಿಕೆ.

ತಾಲೂಕಃ— ರಾಯಚೂರ ಹೋಬಳಿಃ— ಮಸ್ಕಿ ಗ್ರಾಮಃ— ಕಿಲ್ಲೆ

(1) ಸರವೆ ನಂಬರು	(2) ಹಿಸ್ಸಾ	(3) ಶೇತವಾರ ಒಟ್ಟು ವಿಸ್ತೀರ್ಣ	ಎ.	ಗು.	(4) ಕಂದಾಯ	ರೂ.	ಆ.	ಪೈ.	(5) ಮಣ್ಣಿನ ನಮೂನೆ
163		ಪೋಟಖರಾಬ (ಅ)	8	8	ಅ) ಭೂಕಂದಾಯ				
		ಪೋಟಖರಾಬ (ಬ)	8	8	ಬ) ಜ್ಯೂಡಿ				
					ಕ) ಸೆಸ್ಸುಗಳು				
					ಡ) ನೀರಿನ ರೇಟು				
		ಉಳಿದದ್ದು ...			ಒಟ್ಟು ...				

(9) ಕಬಜೆದಾರ ಅಥವಾ ಸ್ವಾಧೀನದಾರರ ಹೆಸರು ಮತ್ತು ವಿಳಾಸ

ಪಂ. ಕ್ಷೇತ್ರ ಮಾಲಿ
ಸಿ. ನಂ. (263)

ಖಾತೆ ನಂಬರು

(10) ಕಬಜೆ ಅಥವಾ ಸ್ವಾಧೀನತೆಯ ರೀತಿ

(11) ಇತರ ಹಕ್ಕುಗಳು ಮತ್ತು ಋಣಗಳು

91

(6) ಪಟ್ಟಾ

ಪಂ. ಕ್ಷೇತ್ರ

(7) ಮರಗಳ ಸಂಖ್ಯೆ		(8) ಶೇತವಾರ ಪ್ರಕಾರ ಮತ್ತು ವಿಸ್ತೀರ್ಣ					
ಹೆಸರು	ಸಂಖ್ಯೆ	ಅ. ನಂ.	ನೀರಾವರಿಯ ಮೂಲ	ಮುಂ-ಗಾರು	ಹಿಂಗಾರು	ಭಾಗಾಯ್ತು	ಒಟ್ಟು

(12) ಗೇಣಿಯ ವಿವರಗಳು

ವರ್ಷ ಮತ್ತು ಶಾಲ	ಸೈವಸಾಯಗಾರನ ಹೆಸರು ಮತ್ತು ವಾಸಸ್ಥಳ	ಸಾಗುವಳಿ ಪದ್ಧತಿ	ಗೇಣಿ ವಿವರ ವಿಸ್ತೀರ್ಣ	ಗುತ್ತಿಗೆ
1	2	3	4	5
1968 1969	ಪಂ. ಕ್ಷೇತ್ರ ಮಾಲಿ ಸಿ. ನಂ.	—	—	—

(13) ಭೂಮಿಯ ಉಪಯೋಗ ಮತ್ತು ಬೆಳೆಗಳ ವಿವರ

ಭೂಮಿಯ ಉಪಯೋಗ ವರ್ಗ	ವಿಸ್ತೀರ್ಣ	ಖುಷ್ಕಿ ತರಿ ಭಾಗಾಯತ	ಬೆಳೆಯ ಹೆಸರು	ವಿಸ್ತೀರ್ಣ ಅಮಿಶ್ರ	ಮಿಶ್ರ	ಒಟ್ಟು	ನೀರಾವರಿ ಮೂಲ	ಎಕರೆಯ ಉತ್ಪತ್ತಿ	ಮಿಶ್ರ ಬೆಳೆಗಳ ಒಟ್ಟು ಮಿಶ್ರಣದ ಹೆಸರು	ವಿಸ್ತೀರ್ಣ
6	7	8	9	10	11	12	13	14	15	16
ಒ	8-8-0									

ಉಪವಿಭಾಗಾಧಿಕಾರಿಗಳು
ರಾಯಚೂರ. 12-9-1969

ಪ್ರತಿ

ರೆಕಾರ್ಡ ಆಫ್ ರೈಟ್ಸ ಗೇಣಿ ಮತ್ತು ಪಹಣಿ ಪತ್ರಿಕೆ.

4

ತಾಲೂಕ:- [illegible] ಹೋಬಳಿ:- [illegible] ಗ್ರಾಮ:- [illegible]

(1) ಸರವೆ ನಂಬರು	(2) ಹಿಸ್ಸಾ	(3) ಶೇತವಾರ ಒಟ್ಟು ವಿಸ್ತೀರ್ಣ	ಎ.	ಗು.	(4) ಕಂದಾಯ	ರೂ.	ಆ.	ಪೈ.	(5) ಮಣ್ಣಿನ ನಮೂನೆ	(9) ಕಬಜೆದಾರ ಅಥವಾ ಸ್ವಾಧೀನದಾರರ ಹೆಸರು ಮತ್ತು ವಿಳಾಸ	ಖಾತೆ ನಂಬರು	(10) ಕಬಜೆ ಅಥವಾ ಸ್ವಾಧೀನತೆಯ ರೀತಿ	(11) ಇತರ ಹಕ್ಕುಗಳು ಮತ್ತು ಋಣಗಳು
164		ಪೋಟಖರಾಬ (ಅ)	8	26 →	ಅ) ಭೂಕಂದಾಯ					[illegible] (264)			92
		ಪೋಟಖರಾಬ (ಬ)	8	26 →	ಬ) ಜ್ಯೂಡಿ								
					ಕ) ಸೆಸ್ಸುಗಳು								
					ಡ) ನೀರಿನ ರೇಟು								
		ಉಳಿದದ್ದು ...			ಒಟ್ಟು ...								

(6) ಪಟ್ಟಾ	(7) ಮರಗಳ ಸಂಖ್ಯೆ		(8) ಶೇತವಾರ ಪ್ರಕಾರ ಮತ್ತು ವಿಸ್ತೀರ್ಣ					
	ಹೆಸರು	ಸಂಖ್ಯೆ	ಅ. ನಂ.	ನೀರಾವರಿಯ ಮೂಲ	ಮುಂ-ಗಾರು	ಹಿಂಗಾರು	ಭಾಗಾಯ್ತು	ಒಟ್ಟು
[illegible]								

(12) ಗೇಣಿಯ ವಿವರಗಳು

ವರ್ಷ ಮತ್ತು ಕಾಲ	ವ್ಯವಸಾಯಗಾರನ ಹೆಸರು ಮತ್ತು ವಾಸಸ್ಥಳ	ಸಾಗುವಳಿ ಪದ್ಧತಿ	ಗೇಣಿ ವಿವರ		(13) ಭೂಮಿಯ ಉಪಯೋಗ ಮತ್ತು ಬೆಳೆಗಳ ವಿವರ										
			ವಿಸ್ತೀರ್ಣ	ಗುತ್ತಿಗೆ	ಭೂಮಿಯ ಉಪಯೋಗ: ವರ್ಗ	ಭೂಮಿಯ ಉಪಯೋಗ: ವಿಸ್ತೀರ್ಣ	ಮುಷ್ಟಿ ತರಿ ಭಾಗಾಯತ	ಬೆಳೆಯ ಹೆಸರು	ವಿಸ್ತೀರ್ಣ: ಅಮಿಶ್ರ	ವಿಸ್ತೀರ್ಣ: ಮಿಶ್ರ	ವಿಸ್ತೀರ್ಣ: ಒಟ್ಟು	ನೀರಾವರಿ ಮೂಲ	ಎಕರೆಯ ಉತ್ಪತ್ತಿ	ಮಿಶ್ರ ಬೆಳೆಗಳ ಒಟ್ಟು: ಮಿಶ್ರಣದ ಹೆಸರು	ಮಿಶ್ರ ಬೆಳೆಗಳ ಒಟ್ಟು: ವಿಸ್ತೀರ್ಣ
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1968/1969	[illegible]	—	—	—	ಅ	8-26 →									

ಅಸಿಸ್ಟಂಟ ಮೆಹಸೂಲ ಕಮಿಶನರ
ದಿನಾಂಕ: 12-9-1969
[illegible]

ರೆಕಾರ್ಡ ಆಫ್ ರೈಟ್ಸ್ ಗೇಣಿ ಮತ್ತು ಪಹಣಿ ಪತ್ರಿಕೆ.

ತಾಲೂಕಃ— [illegible] ಹೋಬಳಿಃ— [illegible] ಗ್ರಾಮಃ— [illegible]

(1) ಸರವೆ ನಂಬರು	(2) ಹಿಸ್ಸಾ	(3) ಶೇತವಾರ	ಎ. ಗು.	(4) ಕಂದಾಯ	ರೂ. ಆ. ಪೈ.	(5) ಮಣ್ಣಿನ ನಮೂನೆ
171	—	ಒಟ್ಟು ವಿಸ್ತೀರ್ಣ	11-1	ಅ) ಭೂಕಂದಾಯ		
		ಪೋಟಖರಾಬ (ಅ)	—	ಬ) ಜ್ಯಾಡಿ		
		ಪೋಟಖರಾಬ (ಬ)	11-1	ಕ) ಸೆಸ್ಸುಗಳು		
				ಡ) ನೀರಿನ ರೇಟು		
		ಉಳಿದದ್ದು ...		ಒಟ್ಟು ...		

(6) ಪಟ್ಟಾ	(7) ಮರಗಳ ಸಂಖ್ಯೆ		(8) ಶೇತವಾರ ಪ್ರಕಾರ ಮತ್ತು ವಿಸ್ತೀರ್ಣ					
	ಹೆಸರು	ಸಂಖ್ಯೆ	ಅ. ನಂ.	ನೀರಾವರಿಯ ಮೂಲ	ಮುಂ-ಗಾರು	ಹಿಂಗಾರು	ಭಾಗಾಯ್ತು	ಒಟ್ಟು
[illegible]								

(9) ಕಬಜೆದಾರ ಅಥವಾ ಸ್ವಾಧೀನದಾರನ ಹೆಸರು ಮತ್ತು ವಿಳಾಸ	ಖಾತೆ ನಂಬರು	(10) ಕಬಜೆ ಅಥವಾ ಸ್ವಾಧೀನತೆಯ ರೀತಿ	(11) ಇತರ ಹಕ್ಕುಗಳು ಮತ್ತು ಋಣಗಳು
[illegible] (272)			93/1

(12) ಗೇಣಿಯ ವಿವರಗಳು

ವರ್ಷ ಮತ್ತು ಕಾಲ	ವ್ಯವಸಾಯಗಾರನ ಹೆಸರು ಮತ್ತು ವಾಸಸ್ಥಳ	ಸಾಗುವಳಿ ಪದ್ಧತಿ	ಗೇಣಿ ವಿವರ		(13) ಭೂಮಿಯ ಉಪಯೋಗ ಮತ್ತು ಬೆಳೆಗಳ ವಿವರ										
			ವಿಸ್ತೀರ್ಣ	ಗುತ್ತಿಗೆ	ಭೂಮಿಯ ಉಪಯೋಗ		ಖುಷ್ಕಿ ತರಿ ಭಾಗಾಯತ	ಬೆಳೆಯ ಹೆಸರು	ವಿಸ್ತೀರ್ಣ			ನೀರಾವರಿ ಮೂಲ	ಎಕರೆಯ ಉತ್ಪತ್ತಿ	ಮಿಶ್ರ ಬೆಳೆಗಳ ಒಟ್ಟು	
					ವರ್ಗ	ವಿಸ್ತೀರ್ಣ			ಅಮಿಶ್ರ	ಮಿಶ್ರ	ಒಟ್ಟು			ಮಿಶ್ರಣದ ಹೆಸರು	ವಿಸ್ತೀರ್ಣ
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1968/1969	[illegible]	—	—	—	ಅ	11-1							—		

[illegible] 12-9-1969

ರೆಕಾರ್ಡ್ ಆಫ್ ರೈಟ್ಸ್ ಗೇಣಿ ಮತ್ತು ಪಹಣಿ ಪತ್ರಿಕೆ.

ತಾಲೂಕು:— [illegible] ಹೋಬಳಿ:— [illegible] ಗ್ರಾಮ:— [illegible].

(1) ಸರವೆ ನಂಬರು	(2) ಹಿಸ್ಸಾ	(3) ಶೇತವಾರ	ಎ. ಗು.	(4) ಕಂದಾಯ	ರೂ. ಆ. ಪೈ.	(5) ಮಣ್ಣಿನ ನಮೂನೆ
172	—	ಒಟ್ಟು ವಿಸ್ತೀರ್ಣ	9-37	ಅ) ಭೂಕಂದಾಯ		
		ಪೋಟಖರಾಬ (ಅ)	9-37	ಬ) ಜ್ಯೂಡಿ		
		ಪೋಟಖರಾಬ (ಬ)		ಕ) ಸೆಸ್ಸುಗಳು		
				ಡ) ನೀರಿನ ರೇಟು		
		ಉಳಿದದ್ದು ...		ಒಟ್ಟು ...		

(6) ಪಟ್ಟಾ	(7) ಮರಗಳ ಸಂಖ್ಯೆ		(8) ಶೇತವಾರ ಪ್ರಕಾರ ಮತ್ತು ವಿಸ್ತೀರ್ಣ					
	ಹೆಸರು	ಸಂಖ್ಯೆ	ಅ. ನಂ.	ನೀರಾವರಿಯ ಮೂಲ	ಮುಂ-ಗಾರು	ಹಿಂಗಾರು	ಭಾಗಾಯ್ತು	ಒಟ್ಟು
[illegible]								

(9) ಕಬಜೆದಾರ ಅಥವಾ ಸ್ವಾಧೀನದಾರರ ಹೆಸರು ಮತ್ತು ವಿಳಾಸ	ಖಾತೆ ನಂಬರು	(10) ಕಬಜೆ ಅಥವಾ ಸ್ವಾಧೀನತೆಯ ರೀತಿ	(11) ಇತರ ಹಕ್ಕುಗಳು ಮತ್ತು ಋಣಗಳು
[illegible] ಮಾದರ [illegible] (275)			94

(12) ಗೇಣಿಯ ವಿವರಗಳು

ವರ್ಷ ಮತ್ತು ಶಾಲ	ವ್ಯವಸಾಯಗಾರನ ಹೆಸರು ಮತ್ತು ವಾಸಸ್ಥಳ	ಸಾಗುವಳಿ ಪದ್ಧತಿ	ಗೇಣಿ ವಿವರ: ವಿಸ್ತೀರ್ಣ	ಗೇಣಿ ವಿವರ: ಗುತ್ತಿಗೆ
1	2	3	4	5
1968/1969	[illegible] ಮಾದ [illegible]	—	—	—

(13) ಭೂಮಿಯ ಉಪಯೋಗ ಮತ್ತು ಬೆಳೆಗಳ ವಿವರ

ಭೂಮಿಯ ಉಪಯೋಗ: ವರ್ಗ	ಭೂಮಿಯ ಉಪಯೋಗ: ವಿಸ್ತೀರ್ಣ	ಖುಷ್ಕಿ ತರಿ ಭಾಗಾಯತ	ಬೆಳೆಯ ಹೆಸರು	ವಿಸ್ತೀರ್ಣ: ಅಮಿಶ್ರ	ವಿಸ್ತೀರ್ಣ: ಮಿಶ್ರ	ವಿಸ್ತೀರ್ಣ: ಒಟ್ಟು	ನೀರಾವರಿ ಮೂಲ	ಎಕರೆಯ ಉತ್ಪತ್ತಿ	ಮಿಶ್ರ ಬೆಳೆಗಳ ಒಟ್ಟು: ಮಿಶ್ರಣದ ಹೆಸರು	ಮಿಶ್ರ ಬೆಳೆಗಳ ಒಟ್ಟು: ವಿಸ್ತೀರ್ಣ
6	7	8	9	10	11	12	13	14	15	16
ಅ	9-37									

[illegible] 12-9-1968

ರೆಕಾರ್ಡ ಆಫ್ ರೈಟ್ಸ್ ಗೇಣಿ ಮತ್ತು ಪಹಣಿ ಪತ್ರಿಕೆ.

ತಾಲೂಕ:— ಶಿರಸಿ ಹೋಬಳಿ:— ಮತ್ತಿಘಟ್ಟ ಗ್ರಾಮ:— ಕಿಲಾರ

(1) ಸರವೆ ನಂಬರು	(2) ಹಿಸ್ಸಾ	(3) ಶೇತವಾರ	ಎ. ಗು.	(4) ಕಂದಾಯ	ರೂ. ಆ. ಪೈ.	(5) ಮಣ್ಣಿನ ನಮೂನೆ
173		ಒಟ್ಟು ವಿಸ್ತೀರ್ಣ	290-6	ಅ) ಭೂಕಂದಾಯ		
		ಪೋಟಖರಾಬ (ಅ)	—	ಬ) ಜ್ಯಾಡಿ		
		ಪೋಟಖರಾಬ (ಬ)	290-6	ಕ) ಸೆಸ್ಸುಗಳು		
				ಡ) ನೀರಿನ ರೇಟು		
		ಉಳಿದದ್ದು ...		ಒಟ್ಟು ...		

(6) ಪಟ್ಟಾ	(7) ಮರಗಳ ಸಂಖ್ಯೆ		(8) ಶೇತವಾರ ಪ್ರಕಾರ ಮತ್ತು ವಿಸ್ತೀರ್ಣ					
	ಹೆಸರು	ಸಂಖ್ಯೆ	ಅ. ನಂ.	ನೀರಾವರಿಯ ಮೂಲ	ಮುಂ-ಗಾರು	ಹಿಂಗಾರು	ಭಾಗಾಯ್ತು	ಒಟ್ಟು
ಸರ್ಕಾರ								

(9) ಕಬಜೆದಾರ ಅಥವಾ ಸ್ವಾಧೀನದಾರರ ಹೆಸರು ಮತ್ತು ವಿಳಾಸ	ಖಾತೆ ನಂಬರು	(10) ಕಬಜೆ ಅಥವಾ ಸ್ವಾಧೀನತೆಯ ರೀತಿ	(11) ಇತರ ಹಕ್ಕುಗಳು ಮತ್ತು ಋಣಗಳು
ಸರ್ಕಾರ ಮಾದಿ ಸಂ. ಕಲ (274)			95

(12) ಗೇಣಿಯ ವಿವರಗಳು (13) ಭೂಮಿಯ ಉಪಯೋಗ ಮತ್ತು ಬೆಳೆಗಳ ವಿವರ

ವರ್ಷ ಮತ್ತು ಕಾಲ	ವ್ಯವಸಾಯಗಾರನ ಹೆಸರು ಮತ್ತು ವಾಸಸ್ಥಳ	ಸಾಗುವಳಿ ಪದ್ಧತಿ	ಗೇಣಿ ವಿವರ: ವಿಸ್ತೀರ್ಣ	ಗೇಣಿ ವಿವರ: ಗುತ್ತಿಗೆ	ಭೂಮಿಯ ಉಪಯೋಗ: ವರ್ಗ	ಭೂಮಿಯ ಉಪಯೋಗ: ವಿಸ್ತೀರ್ಣ	ಖುಷ್ಕಿ ತರಿ ಭಾಗಾಯತ	ಬೆಳೆಯ ಹೆಸರು	ವಿಸ್ತೀರ್ಣ: ಅಮಿಶ್ರ	ವಿಸ್ತೀರ್ಣ: ಮಿಶ್ರ	ವಿಸ್ತೀರ್ಣ: ಒಟ್ಟು	ನೀರಾವರಿ ಮೂಲ	ಎಕರೆಯ ಉತ್ಪತ್ತಿ	ಮಿಶ್ರ ಬೆಳೆಗಳ ಒಟ್ಟು: ಮಿಶ್ರಣದ ಹೆಸರು	ಮಿಶ್ರ ಬೆಳೆಗಳ ಒಟ್ಟು: ವಿಸ್ತೀರ್ಣ
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1968/1969	ಸರ್ಕಾರ ಮಾದಿ ಸಂ. ಕಲ	—	—	—	ಅ	290-6									

ಅಸಿಸ್ಟಂಟ ಕಮಿಶನರ
ಶಿರಸಿ 12-9-1969
ಸಂ. ಕಲೆಕ್ಟರ ಸಿರ್ಸಿ

ಪಾತೆ ೨

ರೆಕಾರ್ಡ ಆಫ್ ರೈಟ್ಸ ಗೇಣಿ ಮತ್ತು ಪಹಣಿ ಪತ್ರಿಕೆ.

8

ತಾಲೂಕ:— ರಾಯಚೂರ ಹೋಬಳಿ:— ಮಸ್ಕಿ ಗ್ರಾಮ:— ಕಿಲ್ಲೆ

(1) ಸರವೆ ನಂಬರು	(3) ಕ್ಷೇತವಾರ	ಎ.	ಗು.	(4) ಕಂದಾಯ	ರೂ.	ಆ.	ಪೈ.	(5) ಮಣ್ಣಿನ ನಮೂನೆ
174	ಒಟ್ಟು ವಿಸ್ತೀರ್ಣ	9	3	ಅ) ಭೂಕಂದಾಯ				
(2) ಹಿಸ್ಸಾ	ಪೋಟಖರಾಬ (ಅ)			ಬ) ಜ್ಯೂಡಿ				
—	ಪೋಟಖರಾಬ (ಬ)	9	3	ಕ) ಸೆಸ್ಸುಗಳು				
				ಡ) ನೀರಿವ ರೇಟು				
	ಉಳಿದದ್ದು ...			ಒಟ್ಟು ...				

(6) ಪಟ್ಟಾ	(7) ಮರಗಳ ಸಂಖ್ಯೆ		(8) ಕ್ಷೇತವಾರ ಪ್ರಕಾರ ಮತ್ತು ವಿಸ್ತೀರ್ಣ					
	ಹೆಸರು	ಸಂಖ್ಯೆ	ಅ. ನಂ.	ನೀರಾವರಿಯ ಮೂಲ	ಮುಂ-ಗಾರು	ಹಿಂಗಾರು	ಭಾಗಾಯ್ತು	ಒಟ್ಟು
ಹೆಸರ ಹೇಳಿಕೆ								

(9) ಕಬಜೆದಾರ ಅಥವಾ ಸ್ವಾಧೀನದಾರನ ಹೆಸರು ಮತ್ತು ವಿಳಾಸ	ಖಾತೆ ನಂಬರು	(10) ಕಬಜೆ ಅಥವಾ ಸ್ವಾಧೀನತೆಯ ರೀತಿ	(11) ಇತರ ಹಕ್ಕುಗಳು ಮತ್ತು ಋಣಗಳು
ಪಂ. ಮಲ್ಲಪ್ಪ ಮಾದರ ಸಂಗಲ (273)			96

(12) ಗೇಣಿಯ ವಿವರಗಳು

ವರ್ಷ ಮತ್ತು ಕಾಲ	ವ್ಯವಸಾಯಗಾರನ ಹೆಸರು ಮತ್ತು ವಾಸಸ್ಥಳ	ಸಾಗುವಳಿ ಪದ್ಧತಿ	ಗೇಣಿ ವಿವರ: ವಿಸ್ತೀರ್ಣ	ಗೇಣಿ ವಿವರ: ಗುತ್ತಿಗೆ
1	2	3	4	5
1968/1969	ಪಂ. ಮಲ್ಲಪ್ಪ ಮಾದರ ಸಂಗಲ	—	—	—

(13) ಭೂಮಿಯ ಉಪಯೋಗ ಮತ್ತು ಬೆಳೆಗಳ ವಿವರ

ಭೂಮಿಯ ಉಪಯೋಗ: ವರ್ಗ	ಭೂಮಿಯ ಉಪಯೋಗ: ವಿಸ್ತೀರ್ಣ	ಖುಷ್ಕಿ ತರಿ ಭಾಗಾಯತ	ಬೆಳೆಯ ಹೆಸರು	ವಿಸ್ತೀರ್ಣ: ಅಮಿಶ್ರ	ವಿಸ್ತೀರ್ಣ: ಮಿಶ್ರ	ವಿಸ್ತೀರ್ಣ: ಒಟ್ಟು	ನೀರಾವರಿ ಮೂಲ	ಎಕರೆಯ ಉತ್ಪತ್ತಿ	ಮಿಶ್ರ ಬೆಳೆಗಳ ಒಟ್ಟು: ಮಿಶ್ರಣದ ಹೆಸರು	ಮಿಶ್ರ ಬೆಳೆಗಳ ಒಟ್ಟು: ವಿಸ್ತೀರ್ಣ
6	7	8	9	10	11	12	13	14	15	16
ಆ	9-3									

ಪಹಣಿ ಪತ್ರಿಕೆ ಸಿದ್ಧಪಡಿಸಿದ ದಿನಾಂಕ: 12-9-69

ರೆಕಾರ್ಡ ಆಫ್ ರೈಟ್ಸ ಗೇಣಿ ಮತ್ತು ಪಹಣಿ ಪತ್ರಿಕೆ.

ತಾಲೂಕ:— ಹಾವೇರಿ ಹೋಬಳಿ:— ಮತ್ತಿಹಾಳ ಗ್ರಾಮ:— ಕೆರೆಮಲ್ಲಿ

(1) ಸರವೆ ನಂಬರು	(3) ಕ್ಷೇತವಾರ ವಿಸ್ತೀರ್ಣ	ಎ. ಗು.	(4) ಕಂದಾಯ	ರೂ. ಆ. ಪೈ.	(5) ಮಣ್ಣಿನ ನಮೂನೆ	(9) ಕಬಜೆದಾರ ಅಥವಾ ಸ್ವಾಧೀನದಾರರ ಹೆಸರು ಮತ್ತು ವಿಳಾಸ	ಖಾತೆ ನಂಬರು	(10) ಕಬಜೆ ಅಥವಾ ಸ್ವಾಧೀನತೆಯ ರೀತಿ	(11) ಇತರ ಹಕ್ಕುಗಳು ಮತ್ತು ಋಣಗಳು
175	ಒಟ್ಟು	10-25	ಅ) ಭೂಕಂದಾಯ			ಮಂಜಪ್ಪನವರ ಮಲ್ಲಪ್ಪ (276)			97
(2) ಹಿಸ್ಸಾ	ಪೋಟಖರಾಬ (ಅ)		ಬ) ಜ್ಯಾಡಿ						
	ಪೋಟಖರಾಬ (ಬ)	10-25	ಕ) ಸೆಸ್ಸುಗಳು						
			ಡ) ನೀರಿನ ರೇಟು						
	ಉಳಿದದ್ದು ...		ಒಟ್ಟು ...						

(6) ಪಟ್ಟಾ	(7) ಮರಗಳ ಸಂಖ್ಯೆ		(8) ಕ್ಷೇತವಾರ ಪ್ರಕಾರ ಮತ್ತು ವಿಸ್ತೀರ್ಣ					
	ಹೆಸರು	ಸಂಖ್ಯೆ	ಅ. ನಂ.	ನೀರಾವರಿಯ ಮೂಲ	ಮುಂ-ಗಾರು	ಹಿಂಗಾರು	ಭಾಗಾಯ್ತು	ಒಟ್ಟು
ಮಂಜಪ್ಪನವರ								

(12) ಗೇಣಿಯ ವಿವರಗಳು

ವರ್ಷ ಮತ್ತು ಕಾಲ	ವ್ಯವಸಾಯಗಾರನ ಹೆಸರು ಮತ್ತು ವಾಸಸ್ಥಳ	ಸಾಗುವಳಿ ಪದ್ಧತಿ	ಗೇಣಿ ವಿವರ: ವಿಸ್ತೀರ್ಣ	ಗೇಣಿ ವಿವರ: ಗುತ್ತಿಗೆ
1	2	3	4	5
1968 / 1969	ಮಂಜಪ್ಪನವರ ಮಲ್ಲಪ್ಪ	—	—	—

(13) ಭೂಮಿಯ ಉಪಯೋಗ ಮತ್ತು ಬೆಳೆಗಳ ವಿವರ

ಭೂಮಿಯ ಉಪಯೋಗ: ವರ್ಗ	ಭೂಮಿಯ ಉಪಯೋಗ: ವಿಸ್ತೀರ್ಣ	ಖುಷ್ಕಿ ತರಿ ಭಾಗಾಯತ	ಬೆಳೆಯ ಹೆಸರು	ವಿಸ್ತೀರ್ಣ: ಅಮಿಶ್ರ	ವಿಸ್ತೀರ್ಣ: ಮಿಶ್ರ	ವಿಸ್ತೀರ್ಣ: ಒಟ್ಟು	ನೀರಾವರಿ ಮೂಲ	ಎಕರೆಯ ಉತ್ಪತ್ತಿ	ಮಿಶ್ರ ಬೆಳೆಗಳ ಒಟ್ಟು: ಮಿಶ್ರಣದ ಹೆಸರು	ಮಿಶ್ರ ಬೆಳೆಗಳ ಒಟ್ಟು: ವಿಸ್ತೀರ್ಣ
6	7	8	9	10	11	12	13	14	15	16
ಅ	10-25									

ಅಮಲ್ಜಾರಿ ಮಾಡಿದೆ
ದಿನಾಂಕ 12-9-1969
ಅ. ಕಂದಾಯ ಅಧಿಕಾರಿ

ರೆಕಾರ್ಡ ಆಫ್ ರೈಟ್ಸ್ ಗೇಣಿ ಮತ್ತು ಪಹಣಿ ಪತ್ರಿಕೆ.

ತಾಲೂಕ:— ಹಾವೇರಿ ಹೋಬಳಿ:— ಹಾವೇರಿ ಗ್ರಾಮ:— ಹೆಡಿಗೊಂಡ

(1) ಸರವೆ ನಂಬರು	(3) ಕೇತವಾರ	ಎ.	ಗು.	(4) ಕಂದಾಯ	ರೂ.	ಆ.	ಪೈ.	(5) ಮಣ್ಣಿನ ನಮೂನೆ
229 A	ಒಟ್ಟು ವಿಸ್ತೀರ್ಣ	114	8	ಅ) ಭೂಕಂದಾಯ				
(2) ಹಿಸ್ಸಾ	ಪೋಟಖರಾಬ (ಅ)			ಬ) ಜ್ಯೂಡಿ				
	ಪೋಟಖರಾಬ (ಬ)	114	8	ಕ) ಸೆಸ್ಸುಗಳು				
				ಡ) ನೀರಿವ ರೇಟು				
	ಉಳಿದದ್ದು ...			ಒಟ್ಟು ...				

(6) ಪಟ್ಟಾ	(7) ಮರಗಳ ಸಂಖ್ಯೆ		(8) ಕೇತವಾರ ಪ್ರಕಾರ ಮತ್ತು ವಿಸ್ತೀರ್ಣ					
	ಹೆಸರು	ಸಂಖ್ಯೆ	ಅ. ನಂ.	ನೀರಾವರಿಯ ಮೂಲ	ಮುಂ-ಗಾರು	ಹಿಂಗಾರು	ಭಾಗಾಯ್ತು	ಒಟ್ಟು

(9) ಕಬಜೆದಾರ ಅಥವಾ ಸ್ವಾಧೀನದಾರನ ಹೆಸರು ಮತ್ತು ವಿಳಾಸ	ಖಾತೆ ನಂಬರು	(10) ಕಬಜೆ ಅಥವಾ ಸ್ವಾಧೀನತೆಯ ರೀತಿ	(11) ಇತರ ಹಕ್ಕುಗಳು ಮತ್ತು ಋಣಗಳು
ಹಾವೇರಿ ಮಾಲಿ ಸಂ. ಹಾಲ 876			98

(12) ಗೇಣಿಯ ವಿವರಗಳು

ವರ್ಷ ಮತ್ತು ಕಾಲ	ವ್ಯವಸಾಯಗಾರನ ಹೆಸರು ಮತ್ತು ವಾಸಸ್ಥಳ	ಸಾಗುವಳಿ ಪದ್ಧತಿ	ಗೇಣಿ ವಿವರ	
			ವಿಸ್ತೀರ್ಣ	ಗುತ್ತಿಗೆ
1	2	3	4	5
1968 / 1969	ಹಾಲ —	—	—	—

(13) ಭೂಮಿಯ ಉಪಯೋಗ ಮತ್ತು ಬೆಳೆಗಳ ವಿವರ

ಭೂಮಿಯ ಉಪಯೋಗ		ಖುಷ್ಕಿ ತರಿ ಭಾಗಾಯತ	ಬೆಳೆಯ ಹೆಸರು	ವಿಸ್ತೀರ್ಣ			ನೀರಾವರಿ ಮೂಲ	ಎಳರೆಯ ಉತ್ಪತ್ತಿ	ಮಿಶ್ರ ಬೆಳೆಗಳ ಒಟ್ಟು	
ವರ್ಗ	ವಿಸ್ತೀರ್ಣ			ಅಮಿಶ್ರ	ಮಿಶ್ರ	ಒಟ್ಟು			ಮಿಶ್ರಣದ ಹೆಸರು	ವಿಸ್ತೀರ್ಣ
6	7	8	9	10	11	12	13	14	15	16
ಅ	114-8									

ಕಾಲಿ ಮಾಡಿದೆ
ಹಾವೇರಿ 12-9-1969
ಅ. ಕಂದಾಯ ಅಧಿಕಾರಿ

ಗ್ರಾಮ ನಮೂನೆ ನಂಬರ ೧ ಅ ಹಿರೇಸ್ಥಳ ರಜಿಸ್ಟರು

ಗ್ರಾಮ: [illegible] ತಾಲೂಕ: [illegible] ಜಿಲ್ಲೆ: [illegible] ಸಾಲು. 1925.

ಸರ್ವೇ ನಂಬರ	ಹೊಸ ನಂ.	ಹಿರೇಸ್ಥಳದ ನಂಬರ	ಹಿರೇಸ್ಥದಲ್ಲಿ ದಾಖಲು ಆದ ಕ್ಷೇತ್ರ ಹಿಡುವಳಿ										ಒಟ್ಟು ಕ್ಷೇತ್ರ.	ಹಿರೇಸ್ಥ ನೆಲ್ಲಿಹೊಂದ ಆಧಿಕಾರಿರು ಜಂಗಲನವಿದ್ದ ನಷ್ಟಂತು ಉಳ್ಳುಗಳನ್ನು ತಿರಾಯಿ ನಿದ್ದರೆ ಅವು.	ರೈತು ತಡಿ ನಿಲ್ಲುಬ್ಬಿ ಕ್ಷೇತ್ರ.	ಶರ.
			ಗ್ರಾಮದ ಹಿರೇಸ್ಥ (37 ನೆ ಕಲಮು ಪ್ರಕಾರ	ನಂಬರ್ಕ್ಕೆ ಲೋ ಪ್ರ ಸೇ ಕಲಮು ಪ್ರಕಾರ		ಮಾಡಿದ ಹಿರೇಸ್ಥ ಕಲಮು ಪ್ರಕಾರ		ಹಾಲಿಟ್ಟ ಹಿರೇಸ್ಥ (37 ನೆ ಕಲಮು ಪ್ರಕಾರ)								
				ಮಟ್ಟ (ಕ.ಪ ಕಲಮು...)	ಡಿ ಕ್ಷೇತ್ರ			ಮಾ.ಮಟ್ಟ ಕ್ಷೇತ್ರ		ಪ್ರಾಮಾಣಿಕ ಕ್ಷೇತ್ರ						
166 A1								126	36	0	217	37	0	344	33	0

ಗಮನಿಸಬೇಕಾದ ಅಂಶಗಳು:

1) ಮೈಸೂರು ಸರ್ಕಾರದ ಆಜ್ಞೆ ಪ್ರಕಾರ ಮಾಡಿದ ಹಿರೇಸ್ಥ ಸರಿಯಾಗಿದೆ.

2) ಬಿಡಿ ಮಾಡಿದ ಹಿರೇಸ್ಥ ಮೂಲ ಹಿರೇಸ್ಥದಲ್ಲಿ ಸೇರಿಸಿರುವುದು ಸರಿಯಾಗಿದೆ.

3) ಸರ್ಕಾರದಿಂದ ಬಿಡಿಸಿದ ಹಿರೇಸ್ಥ ಕಾಯಿದೆ ಪ್ರಕಾರ ಸರಿಯಾಗಿದೆ.

4) ಸರ್ವೇ ನಂ. ಮೂಲ ನಂ. 17 ರ ಹಿರೇಸ್ಥ ಬಿಡಿಸಿದ ಹಿರೇಸ್ಥ ಕಾಯಿದೆ ಪ್ರಕಾರ ಸರಿಯಾಗಿದೆ.

5) ಸರ್ವೇ ನಂ. ಮೂಲ ನಂ. 17 ರ ಹಿರೇಸ್ಥ ಮೈಸೂರು ಸರ್ಕಾರದ ಆಜ್ಞೆ ಪ್ರಕಾರ ಹಿರೇಸ್ಥ ಕಾಯಿದೆ ಪ್ರಕಾರ ಸರಿಯಾಗಿದೆ.

6) ಸರ್ವೇ ನಂ. ಮೂಲ ನಂ. ಪ್ರಕಾರ ಹಿರೇಸ್ಥ ಕಾಯಿದೆ ಪ್ರಕಾರ ಸರಿಯಾಗಿದೆ.

7) ಕಮ ಕಾಲಂ ಬಾಕಿ ಇದೆ ಸರ್ಕಾರದ ಹಿರೇಸ್ಥ ಕಾಯಿದೆ ಪ್ರಕಾರ ಸರಿಯಾಗಿದೆ.

8) ಕಮ ಕಾಲಂ ಬಾಕಿ ಇದೆ ಸರ್ಕಾರದ ಆಜ್ಞೆ ಪ್ರಕಾರ ಹಿರೇಸ್ಥ ಕಾಯಿದೆ ಪ್ರಕಾರ ಸರಿಯಾಗಿದೆ.

9) ಬಾಕಿ ಕಾಲಂ ಇದೆ ಸರ್ಕಾರದ ಆಜ್ಞೆ ಪ್ರಕಾರ ಹಿರೇಸ್ಥ ಕಾಯಿದೆ ಪ್ರಕಾರ ಸರಿಯಾಗಿದೆ.

10) ಕಮ ಕಾಲಂ ಇದೆ ಸರ್ಕಾರದ ಹಿರೇಸ್ಥ ಕಾಯಿದೆ ಪ್ರಕಾರ ಸರಿಯಾಗಿದೆ.*

* ಅಲಿಯಸಂತಾನ ಮತ್ತು ಹಿರೇಸ್ಥ ಇದ್ದಲ್ಲಿ ಹಿರೇಸ್ಥ ಕಾಯಿದೆ ಪ್ರಕಾರ ಸರಿಯಾಗಿದೆ.

ಅಧ್ಯಕ್ಷರು ಸಹಿ ಮಾಡಿದರು.
ದಿನಾಂಕ 16-9-1969

ಗ್ರಾಮದ ಪೈಸಾಲಿ ಕಂದಾಯವನ್ನು ಗ್ರಾಮ ಪಂಚಾಯ್ತಿ ಮಂಡಳಿಗೆ ವರ್ಗಾಯಿಸಿ
(ಪಕರಣ ಕಲಮು ೧)

ಗ್ರಾಮ:- ಆನಗಿ ತಾಲೂಕು:- ಶಿವಮೊಗ್ಗ ಜಿಲ್ಲೆ:- ಶಿವಮೊಗ್ಗ ಇಸವಿ 1925.

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ಸರ್ವೆ ನಂಬರ್	ಹಿಸ್ಸೆ ನಂಬರ್	ಪೈಸಾಲಿ ಕಂದಾಯ ಸಂಗ್ರಹಿಸಿದ ಸಾಲಿನ ಸಂಖ್ಯೆ	ಪೈಸಾಲಿ ಕಂದಾಯ ಸಂಗ್ರಹಿಸಿದ ಮೊತ್ತ					ಪೈಸಾಲಿ ಕಂದಾಯ ಸಂಗ್ರಹಿಸಿದ ಮೊತ್ತದಲ್ಲಿ ಕಳೆದ ಮೊತ್ತ	ಯಾವ ಕಾರಣಕ್ಕೆ ಕಳೆದ ಮೊತ್ತ ಕಳೆಯಲಾಗಿದೆ ಎಂಬ ವಿವರ	ಕಳೆದ ಮೊತ್ತ ಸಂಗ್ರಹಿಸಿದ ಸಾಲಿನ ಸಂಖ್ಯೆ	ಷರಾ
			ಕಾವೇರಿ ಕಂದಾಯ ಕಾಯ್ದೆ 27ನೇ ಕಲಮು ಪ್ರಕಾರ ಸಂಗ್ರಹಿಸಿದ ಮೊತ್ತ	ಕಾವೇರಿ ಕಂದಾಯ ಕಾಯ್ದೆ 28 ಕಲಮು ಪ್ರಕಾರ ಸಂಗ್ರಹಿಸಿದ ಮೊತ್ತ	ಕಲಮು	ಕಾವೇರಿ ಕಂದಾಯ ಕಾಯ್ದೆ ಕಲಮು 19 ಪ್ರಕಾರ ಸಂಗ್ರಹಿಸಿದ ಮೊತ್ತ	ಮೊತ್ತ				
1	2	3	4	5ಎ	5ಬಿ	6ಎ	6ಬಿ	7	8	9	10
161						8-37-0		8-37-0	ಬಸವಾಪಟ್ಟಣ ಪಟ್ಟಾಕಟ್ಟೆ ಹಳ್ಳಿಕೆಗೆ ಸೇರಿದ ಕಾಲುವೆ ಕಾಲುವೆ ಹಾಗೂ ಹಳ್ಳ.		
162						8-14-0		8-14-0	ಮಾದಕಟ್ಟೆ ಮಾಳದ ಇಂದ ಹಳ್ಳಿಕೆಗೆ ಸೇರಿದ ಕಾಲುವೆ ಹಾಗೂ ಹಳ್ಳ.		
163						8-8-0		8-8-0	——— ಸದರ ———		
164						8-26-0		8-26-0	ಹಳ್ಳಗಳು.		
171						11-1-0		11-1-0	ಹಾಲಿಕಟ್ಟೆಇಂದ ಹೊಸಕಾಲುವೆಇಂದ ಬಸಾಪಕ್ಕೆ ಸೇರಿದ ಹಳ್ಳ.		
172						9-37-0		9-37-0	——— ಸದರ ———		
173						290-6-0		290-6-0	ಹಾಂ ಹಳ್ಳಗಳು:- 1) ಬಸವಾಪಟ್ಟಣ ಪಟ್ಟಾಕಟ್ಟೆ ಹಳ್ಳಿಕೆಗೆ ಸೇರಿದ ಕಾಲುವೆ ಕಾಲುವೆ ಇಂದ 2) ಹೊಸಕಾಲುವೆಯಿಂದ ಹಳ್ಳಿಕೆಗೆ ಸೇರಿದ ಹಾಲಿಕಟ್ಟೆ ಇಂದ		

ಅಧ್ಯಕ್ಷರು ಗ್ರಾಮ ಪಂಚಾಯ್ತಿ 13-9-69

ಸದಸ್ಯರು ಗ್ರಾಮ ಪಂಚಾಯ್ತಿ

ಗ್ರಾಮದ ಪೈಕಿಷ್ಟ ರಚಿಸಿರುವ ಗ್ರಾಮ ನಮೂನೆ ಮಂಜುರಾತಿ
(ನಕಲಿನ ನಕಲುಪ್ರತಿ)

ಪ್ರಕರಣ: I

ಗ್ರಾಮ: ಕೆಸರೆ ತಾಲೂಕು ಕಂದಾ ಜಿಲ್ಲೆ: ಕೊಡಗು ಇಸವಿ 1995

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ಸರ್ವೆ ನಂಬರ್	ಹಿಸ್ಸಾ ನಂಬರ್	ಪ್ರದೇಶ (ಹೆಕ್ಟೇರ್ ಗುಂಟೆಗಳಲ್ಲಿ)	ಹಾಲಿ ಇರುವ ಕ್ಷೇತ್ರ ವಿವರಗಳು					ಹಾಲಿ ಇರುವ ಕ್ಷೇತ್ರ ಮತ್ತು ಅದರ ಮೇಲಿನ ಹಕ್ಕುಗಳ ವಿವರ		ಹಾಲಿ ಇರುವ ಕ್ಷೇತ್ರ ಮತ್ತು ಅದರ ಮೇಲಿನ ಹಕ್ಕುಗಳ ಬದಲಾವಣೆ	ಷರಾ
			ಗ್ರಾಮದ ಹೆಸರು (27ನೇ ಕಲಮಿನ ಪ್ರಕಾರ)	ಹಾಲಿ ಇರುವ ಕ್ಷೇತ್ರ ಮತ್ತು ಅದರ ಮೇಲಿನ ಹಕ್ಕುಗಳ ವಿವರ (ಕಲಮು 28 ಪ್ರಕಾರ)		ಹಾಲಿ ಇರುವ ಕ್ಷೇತ್ರ ಮತ್ತು ಅದರ ಮೇಲಿನ ಹಕ್ಕುಗಳ ವಿವರ		ಒಟ್ಟು ಕ್ಷೇತ್ರ	ಕಲಮು 17 ಪ್ರಕಾರ ಹಕ್ಕುಗಳ ವಿವರ			
1	2	3	4	5 ಅ	5 ಬ	6 ಅ	6 ಬ	7	8		9	10
173									3) ಕಾಲು ಕೆಂಪು ಮಣ್ಣು ಮಿಶ್ರಿತ ಕಾಲು ಮರಳು ಮಿಶ್ರಿತ ಕೆಂಪು

ಪ್ರಮ ನಮೂನೆ ನಂಬರು - ೧. ಭೂಮಿಯ ರಜಿಸ್ಟರ್ದು. (ಸರಕಾರ ಪಟ್ಟಾದಾರಿ)

ಗ್ರಾಮ:- [illegible] ತಾಲೂಕ. [illegible] ಜಿಲ್ಲೆ. [illegible] ಸ.ನಂ.

ಸರ್ವೇ ನಂಬರ	ಹಿಸ್ಸೆ ನಂಬರು.	ಸರಕಾರಿಯ ಇನಾಮು.	ಎಷ್ಟು ಗುಂಟೆ	ನಾ.ವಿಭಾಗ ಅಥವಾ ಖರಾಬ ಅಕಾರಿ.	ಖಾತೆದಾರನ ಹೆಸರು.	ಕಿರ್ದಿಗಿರ ಜಮೀನು ಹಾಗು ಅಕಾರ									ಖಾತೆ ಸಂಖ್ಯೆ ನಂ.	ಖಾತೆ ಪಹಣಿಯಲ್ಲಿ ಹಾಗೂ ಇನಾಂ ಅಕಾರ	ಫೇರಫಾರ ಅದ್ದರ ಶರತ		ಶರತ
						ಹೋಬಳಿ		ಜಿಲ್ಲಾ ಪಂಚಾಯ		ಗಡಿ.		ಅಂತು.				ಫೇರಫಾರ ಅದ್ದರ ಪ್ರಕಾರ.	ಫೇರಫಾರ ಅದ್ದರ ಹೊಂದಿಸುವ ನಂಬರ ಯಾತ್ರ ಆಗಿದ್ದು.	
						ಪೈಕಿ	ಅಕಾರ	ಪೈಕಿ	ಅಕಾರ	ಪೈಕಿ	ಅಕಾರ							
166/1	-	ಸರಕಾರ	344-33-0	344-33	ಗೋವಿಂದಪ್ಪ ಯಾವಲ ಅಲ್ಲಿಯ (ಪಾಲಿಷ್ಟ)	-	-	-	-	-	-	-	-	-	-	ಇದಕಲ್ಲಿ ಅಕ್ಷರಾಂಕ ಹೆಸರ ಮಾಡಿದ ಪ.ಸ.ನಂ.239-24 ಬಾಯಿ ಕರ ಮಾಡಿ ಅಕ್ಷರಲ್ಲಿ ಬಾಯ ಪ.ನಂ.2 ಕಬಾಯ್ದ ಅಲ್ಲಿ ಅಕ್ಷರಾಂಕ ಅಕ್ಷರಲ್ಲಿ 3 3/14-1-1 ಸರಕಾರ ಪ್ರಕಾರ ಬಾಯಿ ಪ.ನಂ 7-12-912 ಅಕ್ಷರಾಂಕ ಅಕ್ಷರ ಪ.ನಂ 238 ಸರಕಾರ ಪ್ರಕಾರ ಪ್ರೀಯಾ ಬಾಯ್ದ ಅಕ್ಷರಾಂಕ ಅಕ್ಷರ ಕಾ ಬಾಯಿ ಅಕ್ಷರ ಕಾ ಕಬಾಯ್ದ ಅಕ್ಷರ ಪ.ನಂ 7 ಸರಕಾರ ಬಾಯಿ ಪ.ನಂ 21-7-2	ಅಕ್ಷರಾಂಕ ಅಕ्षर 1-3-88 ಅಕ್ಷರಾಂಕ × × × ಅಕ್ಷರಾಂಕ	

ಅಧ್ಯಕ್ಷರು ತಹಶೀಲದಾರ

ದಿನಾಂಕ 16-9-1969

ತಹಶೀಲದಾರ

ಗ್ರಾಮ ನಮೂನೆ ನಂ.೨೮ ಖಾತೆ ಪುಸ್ತಕದ (ಸರ್ವೆ ನಂಬರುಗಳ)

ಗ್ರಾಮ - ಅನಗೆ ತಾಲೂಕು - ಕಸಬಾ ಜಿಲ್ಲೆ - ಕಡಪ ಸಾಲು - 1869-1870

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ಸರ್ವೆ ನಂಬರು	ಹಿಸ್ಸಾ ನಂಬರು	ಜಾತಿ	ಎಕರೆ	ಗುಂಟೆ	ಹೊಲದ ಹೆಸರು	ಸರ್ಕಾರಕ್ಕೆ ಕಟ್ಟಬೇಕಾದ ಕಂದಾಯ: ಮಿ.	ಸೆ.	ಪೈ.	ಮಿ.	ಸೆ.	ಪೈ.	ಮಿ.	ಸೆ.	ಪೈ.	ಸರ್ಕಾರಕ್ಕೆ ಕಟ್ಟಬೇಕಾದ ಕಂದಾಯ ಒಟ್ಟು	ಸರ್ಕಾರಕ್ಕೆ ಕಟ್ಟಬೇಕಾದ ಕಂದಾಯ ಒಟ್ಟು	ಸರ್ಕಾರಕ್ಕೆ ಕಟ್ಟಬೇಕಾದ ಕಂದಾಯ ಒಟ್ಟು	ಷರಾ
161	-	ಜಿರಾಯ	8-37-0	8-37-0	ಹಾನಗೆರೆಯಂಥ ಬಲ್ಲು ಬಯ್ಯಯ್ಯ (ಹಾತಿಪ್ಪ)													ಈ ಸರ್ವೆ ನಂಬರಿನಲ್ಲಿ ಯಾವುದೇ ಕ್ಷೇತ್ರವಿಲ್ಲದೆ ಕಂದಾಯವು ಸೆಟ್ಲಾಗಿದೆ ಸರ್ವೆ ನಂ. ಗಳು ಸೆ. 2-3-1888 ಸಹಿ ಸೆಟ್ಲ ಈ ಸರ್ವೆ ನಂಬರಿನಲ್ಲಿ ಕ್ಷೇತ್ರವಿಲ್ಲದೆ ಕಂದಾಯವು ಸೆಟ್ಲಾಗಿದೆ ಸರ್ವೆ ನಂ. 436 30-1-02 ಸಹಿ ಸೆಟ್ಲ ಸರ್ವೆ ನಂ. ಗಳು ಸೆ. 5/1/03 ಸಹಿ ಸೆಟ್ಲ
162	-	-ಡ-	8-14-0	8-14-0	ಹಾನಗೆರೆಯಂಥ ಬಲ್ಲು ಬಯ್ಯಯ್ಯ (ಸಂ.ಕ್ಷ)													
163	-	-ಡ-	8-8-0	8-8-0	ಹಾನಗೆರೆಯಂಥ ಬಲ್ಲು ಬಯ್ಯಯ್ಯ (ಸಂ.ಕ್ಷ)													
164	-	-ಡ-	8-26-0	8-26-0	ಹಾನಗೆರೆಯಂಥ ಬಲ್ಲು ಬಯ್ಯಯ್ಯ (ಸಂ.ಕ್ಷ)													
171	-	-ಡ-	11-1-0	11-1-0	ಹಾನಗೆರೆಯಂಥ ಬಲ್ಲು ಬಯ್ಯಯ್ಯ (ಸಂ.ಕ್ಷ)													
172	-	-ಡ-	9-37-0	9-37-0	- ಸಂ.ಕ್ಷ 1911-1912													ಹಾನಗೆರೆಯಂಥ ಬಲ್ಲು ಬಯ್ಯಯ್ಯ ಈ ಸರ್ವೆ ನಂ. ಕ್ಷೇತ್ರವಿಲ್ಲದೆ ಕಂದಾಯವು ಸೆಟ್ಲಾಗಿದೆ ಸರ್ವೆ ನಂ. ಗಳು ಸೆ. 1893 ಸಹಿ ಸೆಟ್ಲ 4889 21-4-87 ಸಹಿ ಸೆಟ್ಲ ಈ ಸರ್ವೆ ನಂ. ಕ್ಷೇತ್ರವಿಲ್ಲದೆ ಕಂದಾಯವು ಸೆಟ್ಲಾಗಿದೆ ಸರ್ವೆ ನಂ. ಗಳು ಸೆ. 3/29-12-909 ಸಹಿ ಸೆಟ್ಲ ಸರ್ವೆ ನಂ. ಗಳು ಸೆ. 30-11-911 ಸಹಿ ಸೆಟ್ಲ

ಅಸ್ಥಿತ್ವ ಸಹಿ (ಸ್ಥಳ)

ಕಾಂಡ 13-9-1869

ಸಹಿ

ಗ್ರಾಮ ಪಟ್ಟಣದ ಹೆಸರು :- ೧. ಘಿಗಾಯಿಸು ದಕ್ಷಿಣ ಪಟ್ಟಿ (ಪಟ್ಟಣ ಹೊರತಾದ) : ಪ್ರದೇಶ :-
ಗ್ರಾಮ :- ಅಕ್ಕಿ ತಾಲೂಕು :- ಶಿರಸಿ ಜಿಲ್ಲೆ :- ಕನಾರ ಸಾಲು :- 1869-70

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ಸರ್ವೆ ನಂಬರು	ಹಿಸ್ಸೆ ನಂಬರು	ಪೋಟ್ ನಂಬರು	ಎಕರೆ	ಗುಂಟೆ	ಹೊಲದ ಹೆಸರು ಮತ್ತು ಅದರ ಸ್ವರೂಪ	ಪಿಟಿಗಾರ ಸಂಖ್ಯೆಯಾದಾಗ ಅಂಕಣ ಸಂಖ್ಯೆ ಮತ್ತು ಅದರ ಸ್ವರೂಪ												ಸರ್ಕಾರಕ್ಕೆ ಸಲ್ಲುವ ಪಟ್ಟಿ		ಷರಾ
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173	-	ಪಟಾ	290-6 →	290-6 →	ಸರ್ವಾಧಿಕಾರಿ ಮೇಲ್ಮನೆ ಪಟ್ಟಿ ಮತ್ತು ಇನ್ನೂ ಕೆಲವು ಸ್ಥಳಗಳು ಸ್ವಾಯತ್ತ ಪ್ರದೇಶದ ಸರ್ಕಾರಿ ಕಾರ್ಯಾಲಯ	-	-	-	-	-	-	-	-	-	-	-	-	-	-	×	×
174	-	ಪ	9-3 →	9-3 →	ಕಾನು ಕೆಲಸಂಗಾರ ಅಲ್ಲದ್ದು (ಸ.ಕ.ಅ)	-	-	-	-	-	-	-	-	-	-	-	-	ಇದನ್ನು ಸಂ.ಕ.ಇ ಯಾದಿದ ಪ್ರಕಾರ ಪ್ರಕಟಿಸಲಾಗಿದೆ ಮತ್ತು ಪ್ರಕಟಿಸಲಾಗಿದೆ ಸಂ.ಕ.ಇ ದಿ 2-3-88 ಸಂ.ಕ.ಇ ಪ್ರಕಟಿಸಿದ ಪ್ರಕಾರ ಕ್ರಮಾಂಕ ಸಂ.ಕ.ಇ ಪ್ರಕಟಿಸಲಾಗಿದೆ. 436 30-1-902 ದಿ 5-1-903 ಸಂ.ಕ.ಇ ಪ್ರಕಟಿಸಲಾಗಿದೆ. ಸಂ.ಕ.ಇ ಪ್ರಕಟಿಸಲಾಗಿದೆ.		
175	-	ಪ	10-25 →	10-25 →	ಕಾನು ಕೆಲಸಂಗಾರ ಅಲ್ಲದ್ದು (ಸ.ಕ.ಅ)	-	-	-	-	-	-	-	-	-	-	-	-				
229	ಅ	ಪ	124-24 → 115-28 → 114-18 →	124-24 → 115-28 → 114-18 →	ಸರ್ವಾಧಿಕಾರಿ ಮೇಲ್ಮನೆ ಪಟ್ಟಿ ಮತ್ತು ಇನ್ನೂ ಕೆಲವು ಸ್ಥಳಗಳು ಸ್ವಾಯತ್ತ ಪ್ರದೇಶದ ಸರ್ಕಾರಿ ಕಾರ್ಯಾಲಯ	(1) ಸಂ.ಕ.ಇ ದಿ.ಸ.229 ಪ್ರಕಟಿಸಿದ ಪ್ರಕಾರ ಸಂ.ಕ.ಇ ಪ್ರಕಟಿಸಿದ ಪ್ರಕಾರ 311-312-313-314 ಸಂ.ಕ.ಇ ಪ್ರಕಟಿಸಿದ ಪ್ರಕಾರ ಸಂ.ಕ.ಇ ಪ್ರಕಟಿಸಿದ ಪ್ರಕಾರ ಸಂ.ಕ.ಇ ಪ್ರಕಟಿಸಿದ ಪ್ರಕಾರ 326/29-12-909 ಸಂ.ಕ.ಇ ಪ್ರಕಟಿಸಿದ ಪ್ರಕಾರ (2) ಸಂ.ಕ.ಇ ದಿ.ಸ.5/1949 ಸಂ.ಕ.ಇ ಪ್ರಕಟಿಸಿದ ಪ್ರಕಾರ ಸಂ.ಕ.ಇ ಪ್ರಕಟಿಸಿದ ಪ್ರಕಾರ 27-8-56												306-305-306-307-308-309-310 ಸಂ.ಕ.ಇ ಪ್ರಕಟಿಸಿದ ಪ್ರಕಾರ ಸಂ.ಕ.ಇ ಪ್ರಕಟಿಸಿದ ಪ್ರಕಾರ ಸಂ.ಕ.ಇ ಪ್ರಕಟಿಸಿದ ಪ್ರಕಾರ 30-11-911 ಸಂ.ಕ.ಇ ಪ್ರಕಟಿಸಿದ ಪ್ರಕಾರ 1-10 → ಸಂ.ಕ.ಇ ಪ್ರಕಟಿಸಿದ ಪ್ರಕಾರ		

ಸಹಿ ಮಾಡಿದ್ದು
ಹುದ್ದೆ 12-9-1969

Note on the Joint inspection of Forests round about Kadra by Chamudhari Sri Ragahavendra Singhji, Deputy Director of Agriculture, Karwar and the Divisional Forest Officer, Karwar.

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The Forests on either side of Kadra-Sulagori road from mile No.3 to mile No.6 and about 2500 acres in extent, were jointly inspected by the above mentioned persons with a view to assess the suitability of the area for cultivation of Banana and Pine Apple on a large scale. The area extending on the South of the road upto the banks of Kalinadi and on the north upto about the middle of the slopes was considered suitable, soil and climate being suited and water facilities being available. Sri Ragahavendra Singhji opined that the area would be suitable for undertaking the cultivation of the above fruit plants and Deputy Director of Agriculture concurred with him. The Divisional Forest Officer, not being a technical officer in that line, had no opinion.

The Forests falling within this area are moist deciduous forests, portions containing teak and portions not containing teak, there being such other species like Matti, Nandi, Kinial, Sisum etc. It also contains old teak plantations about 100 years old which have become mature for felling. It also contains 50 acres of 1966 plantations of teak and Eucalyptus and 50 acres 1967 plantations of the same species. These have been organised under two working plans viz(i) Working plan for Karwar Fuel Reserves and (2) Kalinadi slopes, Block XXVI. Thus the forests are valuable from forest point of view. It is therefore a matter of policy whether to release this area for cultivation of Banana and Pine apple or not.

(S.H.Korlahalli)
Divisional Forest Officer,
Karwar Dn., Karwar.

OFFICE OF THE MINISTER FOR FINANCE, PLANNING & POWER
No.....
Date 15 NOV 1969

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DLF HOUSING & CONSTRUCTION PRIVATE LTD.

F-CONNAUGHT PLACE, NEW DELHI-1 △ PHONE : 45086, 45087, 45088, 45089 △ CABLES: HOMELY

November 3, 1969.

Shri V. Patil,
Hon'ble Chief Minister,
Mysore State,
Vidhan Soudha,
Bangalore-1

Dear Sir,

Knowing the keen desire of the State Government to develop karwar District by utilizing the abundant natural resources available in the area, I visited different places in the District for a few days. I was very much impressed by the natural beauty of the area and the immense potential for development. Karwar is a port - the beautiful beaches - 3 rivers flow in the District and the State Government has really developed electric generation and I was pleasantly surprised that they are generating so much electric power that it is spare and freely available. They have plans to develop the Karwar Port. Lot of sea-shore fishing is being done and all types of good quality fish are available and the potential is tremendous. Thus there is tremendous possibility of utilizing the natural resources of land, water and sea and developing the area for agricultural production and setting up of a processing unit for earning Foreign Exchange by Export.

During the Monsoon there is a heavy rain fall and there-after very little rain for 8 months but there is continuous supply of water in the rivers. Considering the climate, it should be possible to grow on large scale pine-apple and banana in this area. For the dry season of 8 months, it would be necessary to do irrigation from the rivers which can be done by having lift irrigation schemes. Simultaneously with a growing programme, a processing plant should be set up to process both pineapple and banana. The processing plant has to be of a standard which may be acceptable for quality production in the Export Market. To feed this processing plant, large acreage should be encouraged to bring under cultivation under this plan. To start with, we can start on a plantation of about 3000 acres of land. This area will serve as a nucleus for feeding the processing plant and then we will encourage other farmers and give them technical know-how and the material required for the additional plantation of these items. Hawai Island with a similar climate is able to grow pine-apple in the large areas and after processing it is earning huge amount of Foreign Exchange.

Contd..... P/2

DLF HOUSING & CONSTRUCTION PRIVATE LTD.
F-CONNAUGHT PLACE, NEW DELHI-1 △ PHONE : 45086, 45087, 45088, 45089 △ CABLES: HOMELY

Contd..... P/2

We drove up the Kali River on the Forest Road running parallel to the river. At the time of high tides, the river water is effected and the water becomes saline for about 20 miles from the sea. Kadra Rest House is 20 miles from the sea and we then drove beyond Kadra on the Forest Road along the river. The area beyond 2.6 miles from Kadra Rest House appeared to be quite suitable for plantation of pine-apple and bananas. About 5 furlong width along the river seemed to be suitable for development of lift irrigation from the river. Therefore, this area of 3000 acres along the river with a width of 4 or 5 furlongs would be ideal from all points of view for this project. I request that this forest area may be given to us on long lease for this purpose. It would be necessary for the lift irrigation schemes to have electric power in this area and I hope that it would be made available.

During this visit, I was fortunate being at Karwar at the same time when your goodself along with other ministers were touring this area. I had also the pleasure of hearing your inspiring speeches and from the number of large crowds which gathered at different places to hear you, it was apparent how much enthusiasm was generated and was being shown by the people.

Since I had the honour of discussing with you and seeing your interest in the development, I am taking the liberty of addressing this application to your goodself. I have also directly sent the application to the Hon'ble Minister Incharge of Forest.

Thanking you,

Yours faithfully,
for DLF Housing & Construction (P) Limited,

Raghvendra Singh

(Raghvendra Singh)
Chief Administrative Officer

CC: Shri R.K.Hegde,
Hon'ble Minister for
Finance & Youth Welfare,
Mysore State,
Vidhana Soudha,
Bangalore-1

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DLF HOUSING & CONSTRUCTION PRIVATE LTD.

F-CONNAUGHT PLACE, NEW DELHI-1 △ PHONE : 45086, 45087, 45088, 45089 △ CABLES: HOMELY

November 3, 1969

Shri Alur Hanuman Thatte,
Hon'ble Minister of State for Forest
Mysore State
Vidhan Soudha
Bangalore-1

Dear Sir:

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During this visit, I was fortunate being at Karwar at the same time when the Chief Minister along with other ministers were touring this area. I had also the pleasure of hearing the inspiring speeches of the Chief Minister. From the number of large crowds which gathered at different places to hear the Chief Minister, it was apparent how much enthusiasm was generated and was being shown by the people.

Since I had the honour of discussing with the Chief Minister and seeing his interest in the development, I have sent one application to the Chief Minister also but this Forest is the subject under your kind control, therefore, the matter rests with you as the Minister-in-Charge of the Forest.

Thanking you,

Yours faithfully,
for DLF Housing & Construction (P) Ltd.,

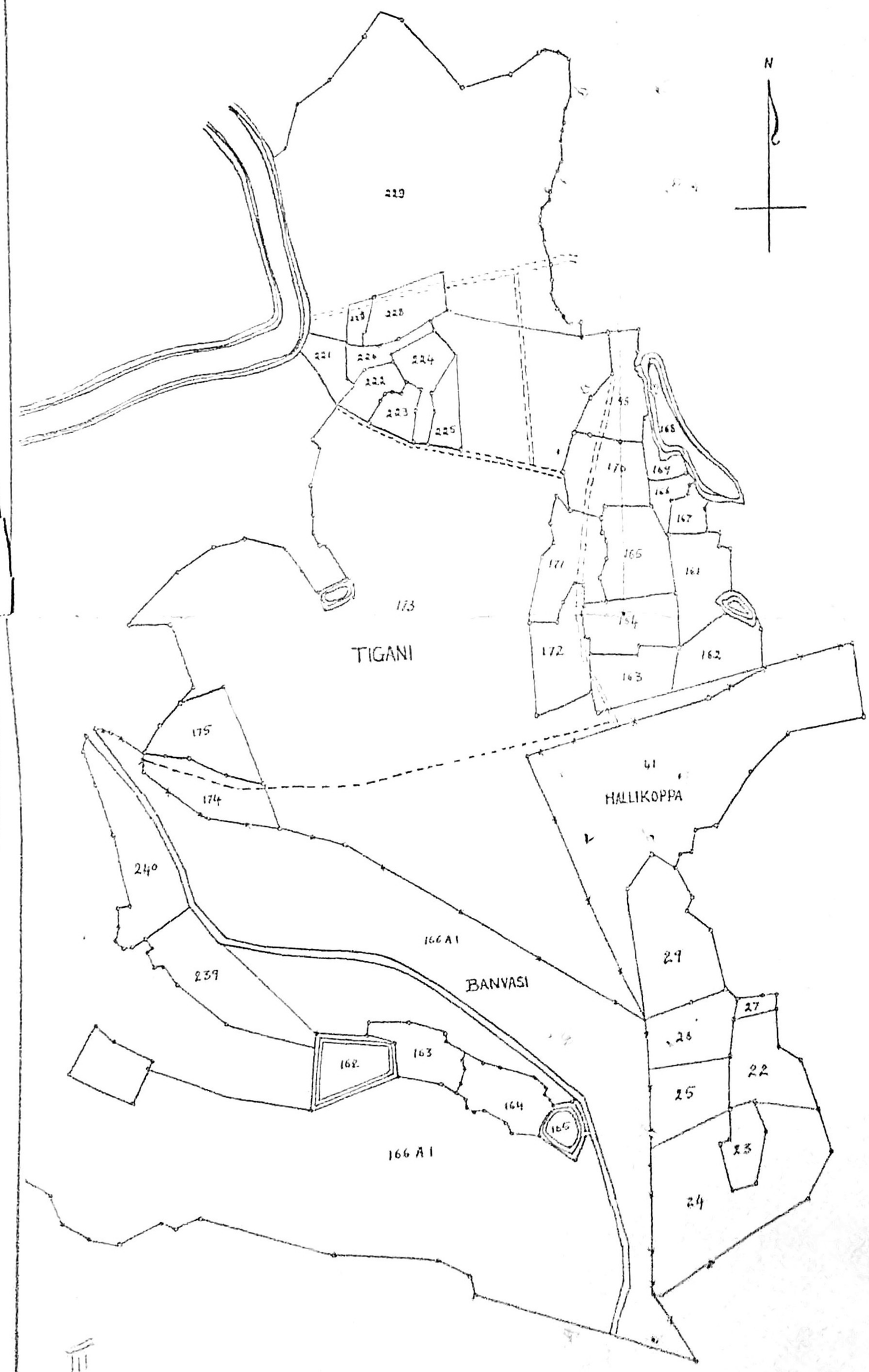
Raghvendra Singh

(Raghvendra Singh)
Chief Administrative Officer

CC: Shri R.K. Hegde,
Hon'ble Minister for
Finance & Youth Welfare,
Mysore State,
Vidhana Soudha,
Bangalore-1

Proposed Varda Valley Pineaple Growers Co Operators Society Ltd.

Banawasi (N.K.)



Scale :— 1 inch = 660 feet

Area Asked For

In Sirsi Division (N.K. Dist.) Taluka. Sirsi

Village	S. No	Area M. Forest A G	Area R. Forest A G	Total Area A. G
Banwasi	166 A 1	126 - 36	217 - 37	344 - 33
Tigani	161	8 - 37	–	8 - 37
"	162	8 - 14	–	8 - 14
"	163	8 - 8	–	8 - 8
"	164	8 - 26	–	8 - 26
"	171	11 - 1	–	11 - 1
"	172	9 - 37	–	9 - 37
"	173	290 - 6	–	290 - 6
"	174	9 - 3	–	9 - 3
"	175	10 - 25	–	10 - 25
"	229 A	28 - 12	86 - 6	114 - 18
Total		520 - 5	304 - 3	824 - 8

in Sagar division (Simoga. Dist) Taluka-Sorab

Hallikoppa	24	34 - 3	–	34 - 31
"	41	84 - 19	–	84 - 19
Total		119 - 10	–	119 - 10

Total Area

	A - G
In Sirsi Division	824 - 8
In Sagar Division	119 - 10

M.F A G	R.F A G	
629 - 15	+ 304 - 3	943 - 18

This line denotes the common boundary line of the village

THE HON'BLE MINISTER FOR FORESTS,
GOVERNMENT OF MYSORE,
VIDHAN SOUDHA,
BANGALORE.

APPLICATION FOR GRANT OF LAND FOR PINEAPPLE CULTIVATION IN SIRSI TALUKA, NORTH KANARA DISTRICT.

FROM THE PROPOSED:-

VARADA VALLEY PINEAPPLE GROWERS
CO-OPERATIVE SOCIETY LTD.,
BANAWASI.
Taluk: SIRSI (N.KANARA)

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PINEAPPLE CULTIVATION

IN

SIRSI TALUKA (N. K.)

PROJECT REPORT

C. C. MULGUND

A SHORT REPORT ON A PROJECT OF CULTIVATING PINEAPPLE IN SIRSI TALUKA (N.K.)

--x--

Area: 600 acres near Banavasi

Project Cost: Rs.50 Lakhs.

"Do not depend much on human help.
Rely upon your own loyalty to the Devine."

M.P.P.

PINEAPPLE

"I do not suppose that there is in the whole world any other fruit of so exquisite and lovely appearance. Its flesh is very appetizing, very satisfying to the taste".

In 1513. OVIEDO.

.....
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-- CONTENTS --

A Word about the Report.

Part I -- General Aspects of the Pineapple Cultivation

Part II -- Present Project.

Part III -- Economics and Financial Statements.

--xoOox--

A WORD ABOUT THIS REPORT

Perhaps many of you are aware that one Mr.Axelson a Rotarian from Australia was camping at Sirsi as a guest of Sirsi Rotary Club during last April and May. He is the President of sales group of a big canning Company with different 51 canneries in Australia and an expert in processing, canning and cultivating Pineapples. He had come to India (He has now returned) on behalf of the International Rotary Club to give free advise on Pineapple Industry. Presently he was advising and helping the "Kamadenu Dairy and Fruit Processing Society" Sirsi in setting up its fruit processing plant near Navanageri in Sirsi Taluka.

During this period, I had an opportunity to meet him at my house at Banavasi who came there with Shri S.G.Hutan, President, Rotary Club, Sirsi and Chairman of Kamadhenu Society. We discussed on various matters in general and on Pineapple Industry in particular. Being much impressed by the discussions, a faint idea of a project to cultivate Pineapple on large scale - particularly with a view to accelerate the progress of the fruit processing unit of Kamadhenu Society flashed. Then immediately I took Mr.Azelson to the site, - which is now proposed for the project, where we romed about for an hour. He examined the land, its geographical situation, soil conditions, etc., and expressed his great satisfaction about the sublime qualities of the land and climatic conditions for Pineapple cultivation.

This conversation with him gave us a fillip to think about the proposed project.

After this incident, within the next few days I happened to meet our Finance Minister Sri Ramakrishna Hegde when I had an occasion to discuss with him about this project. He evinced a great interest in this and give a graphic picture of the Pineapple Industry in Hawaii and other islands which he had visited recently and had seen personally the developments of this Industry in those countries. He is dreaming of making our District a Hawaii by converting our wild forests into Pineapple gardens. His talks were very encouraging and created a great hope about the most promising future of this industry in our Country. His encouragement and assurance set us to work on this project.

Thus, this report has evolved from these two incidents.

This report is arranged in three parts, first one dealing with the general aspects of Pineapple cultivation and the second one with our present project. In the third part economics of the Pineapple cultivation are discussed. But here I do not claim to have covered all the aspects of the proposed project with enough details. It is because of two reasons, one is that the time at my disposal to prepare this report was limited and the other, the material available for study was very little. Hence, this short coming. Further, studies on the subject should enable us to overcome the deficiencies.

Regarding the success of this project, the figures in the third part of this report speak for themselves and need no explanation.

The Proposals made in this report for the implementation of the scheme are with quite realistic approach to the problems. They are made, taking into consideration the psychological effects on human nature and economical structure of our Country. Otherwise, it will only be a dream never to be materialised.

With all this, I sincerely hope that a day will dawn on our horizon in the near future, when we see thousands of acres of Pineapple gardens in this area and with the results people enjoying life in any way not inferior to the Western Nations.

Davangere,
20-6-1969.

C.C.MULGUND.

A SHORT REPORT ON A SMALL PROJECT OF CULTIVATING PINEAPPLE IN SIRSI TALUKA (N.K.)

PART I

PREAMBLE.

Life is changing very fast and so also the needs. Old things are assuming new shapes and new habits are cultivated to suit the new life and new environment. Canned fruits and cooked food are occupying an important place on the dining table of to-day. And it will be more so to-morrow. Material development is a great contributing factor to this, towards which we are marching fast.

Pineapple has come to the western table long back with its different forms, and every day its consumption is increasing enormously. After the second world war canning and cultivation of Pineapple have assumed the shape of major industries. With the result, the cultivation of Pineapple to-day has shifted from the hands of ordinary farmer to the hands of big companies, where almost all the field operations are fully machanized. For processing and canning the fruits, fully automatic plants are developped with several hundred tonnes capacity per day.

Malaya, Singapore, Philippines, Australia, Africa, Maxico, Cuba, Brazil, and so many other tropical Islands are cultivating Pineapple on such a large scale that they grow on thousands of acres of land and process millions of tonnes of fruits every year. One canning company by name "The Kenya Canners Ltd" having its head office in London and fields in Kenya is processing Pineapples grown in 30 thousands acres every year. Hawaii is said to be the centre of Pineapple cultivation where they grow nothing but Pineapple. The yield of this fruit in Hawaii per acre is said to be 60 tonnes whereas it is 30 tonnes in Australia and 15 to 20 tonnes in India. It is said that the entire economy of Hawaii is built up by the Pineapple cultivation. They import all their requirements of life and grow only Pineapple in their fields, process it and export to different markets of the World. To us it seems to be something fantastic. But it is a fact.

This is how things are growing arround us. But We! The dawn is now breaking on our horizon and we are just opening our eyes towards the flashing lights of the east and the west both. From Industrialization we have come to the "Green Revolution" where new life

is to evolve. We are now in the fields to grow. Grow this, Grow that, and Grow more. We should grow faster that we presume it to grow. Otherwise, we cannot race with the time.

SCOPE

Unless there is an opportunity, nothing new can come out. In industry or in agriculture no commodity could be produced unless one is sure of the market to sell his goods. So far, we had no opportunity whatsoever to take up cultivation of Pineapples on large or small scale. But now many opportunities have been created. In Sirsi Taluka, the establishment of the fruit processing industry by the "Kamadhenu Dairy and Fruit Processing Society" has opened the avenue for cultivating Pineapple on large scale. Its processing unit having a capacity to process about 30 tonnes of raw fruits every day, creates a potential market for Pineapples. It requires fruits grown in thousands of acres every year to keep its factory running. So, it is the ready buyer and we have no problem to sell our fruits.

Study has revealed that Scientific Cultivation of Pineapple is much paying and it could be cultivated on small holdings as well as on large areas. It could also be taken up on Industrial lines and developped to an extent unlimited. So vast is the field. This essentially agricultural industry provides many opportunities to our poor farmers and also to those who are interested in agro-based industries. It is certainly a boon to them and it has got a great future in our Country. Its proper development could solve our economical problems (of the people of this area) to a great extent.

Marketing facilities are not the only critaria to undertake big ventures. There are many other aspects which need careful consideration. In the present case, land, soil, rainfall and climatic conditions are equally important. We shall discuss about them here in brief:--

LAND

Pineapple grows on Plateau lands either on the floor of the sea or on the top of the mountain in all tropical zones. It can also be grown on the mountain slopes--of course with a little more effort--provided the other conditions are favourable. Lands with a gentle slope to drain out rain water are provided to be best suited for Pineapple cultivation. Because Pineapple does not tolerate wet feet. So, if the

rain water is drained out automatically it is very good. If not, the stagnated water may create water logged areas and harm the plant. In such cases where it is inevitable, deep drainage channels should be provided and drainout the water; so that, the water table should go down below the root zone of the plant. In this part where we intend to take up this project, land question does not pose any problem. Because we have big plateau lands, stretching miles together with most favourable geographical conditions.

CLIMATE

Pineapple is a fruit which grows only in the tropical regions, and temperature is one of the decisive factors in the cultivation of this fruit. It will never tolerate cold or frost and also a high degree of heat. Even in the tropics the cultivation of Pineapple is restricted to lower elevations. In Hawaii it is cultivated at elevations from almost sea level to 670 m, where temperature variation ranges from 10 to 32 ^{o}C. In view of these facts, the climate of this area which ranges from 60 to 100°f. and the elevation of land which is near about 200 feet from the sea level are very much suited for the purpose.

SOIL

Pineapple grows in various types of soils from rich red-brown soils to poor thin sandy ones. Different countries use different types of soils for the cultivation of this fruit. But from the study of these different soil conditions, it is found that the red-brown soil composed of decayed organic material is very good for the culture of this fruit. But good drainage, soil aeration and low percentage of lime are the essential characters in all types of soils.

Our soil is rich red-brown soil with very good texture for drainage. When tested, the results are found to be very encouraging. It has got all the essential characters and is very much suited for the cultivation of Pineapples.

RAIN FALL

Pineapple grows in a wide range of rain fall, varying from 60 cm. to 250 cm. In this region the rainfall is within the above range and is therefore well suited for the cultivation of Pineapple.

PIT FALLS

Though all the conditions are favourable, this agricultural industry is not without pit falls. In the cultural process, apart from the agricultural

problems which we have to combat and solve by research studies, the plant diseases are very important. There are some pineapple diseases which may severely damage the crop. Here, modern methods of plant protection will come to our help and we can control the diseases effectively. Another trouble may arise when fruits are not marketed soon after the harvest. But in our case we have ready market and therefore no problem.

CONCLUSION

So, we have now examined all the possible aspects of Pineapple cultivation and have found all the natural conditions in this region which will influence the growth of Pineapple are very much favourable and provide great resources for exploitation. Cultivation is the other part of it and it is to be done by human efforts.

This project is a small effort in utilising the resources afforded by nature.

PART II

PRESENT PROJECT

In this back ground explained so far, it is proposed to sponsor an association in the co-operative sector to cultivate Pineapple on a large scale. The details are discussed in the following pages:

ASSOCIATION

It is proposed to promote a co-operative society by name "VARADA VALLEY PINEAPPLE GROWERS' CO-OPERATIVE SOCIETY" with limited liabilities and register it under the Co-operative Society's Act. This Society will have its office and field station at Banavasi in Sirsi Taluka, North Kanara District. It will have a share capital of Rs.5 lakhs which will be contributed by those who are interested in the project and are prepared to take up cultivation personally as will be planned and directed by the Management of the Society. Other things will be governed by the rules which will be framed in due course of time.

Thus an Association will be formed and start working.

AIMS AND OBJECTS

The aims of the Society are to cultivate Pineapple on large areas, collectively, creating individual interest in the holdings (the details of "Individual Interest" are discussed under the head "Farming Pattern"). While doing so many avenues will be opened and many opportunities will be created to all those who will participate in this venture.

This plan is designed to provide scope for individual growth and through them contribute to the growth of the Society.

The ultimate aim of this venture is to provide all opportunities for two or three hundred families to work on the farms with definite plans and facilities, and then see that they earn a fair income of ten to fifteen thousand rupees every year, live in their own R.C.C.Houses with all amunities of modern life and enjoy the benefit of their labour. The pleasure of seeing the growth of this healthy society is the principal object of this Association.

MANAGEMENT

The Management of the Society and its farms will be carried out by the Board of Directors through its different departments. They are as follows:--

1. Board of Directors.
2. Secretary to the Board of Directors. He will work as a co-ordinating officer between all departments.
3. Administrative department.
4. Agricultural department.
5. Research department.
6. Mechanical department.

The staff required by these departments is detailed in the statement given in Part III of this report. It is a tentative structure and a permanent one should evolve by experience and needs.

FARMING PATTERN

The land obtained from Government or Private parties - in any case not less than five to six hundred acres at a stretch - will be developped by the Society on industrial lines, applying all scientific and modern technics so far achieved in the field. Generally this development consists of clearing the site and levelling wherever necessary and fencing and providing irrigation as required by the Pineapple cultivation.

This land will be divided into small economic holdings say of 5 acres each providing approach roads inside the project area, irrigation channels and drains to facilitate all the requirements of modern farming. Actual lay outs will be made on the land as per plan, roads, channels and drains will be formed and make them ready for cultivation. In the meanwhile, plans for planting Pineapple will be prepared and with blue prints of these plans, together with instructions to carry out planting and other operations on the farm, these plots will be handed over to the members for further cultivation.

Then starts the responsibility of individual members. Each member will have one to four plots of the above size in this scheme, which will be allotted to him by the society. These plots will be of his own as far as he is the loyal member of the Society. On these plots the member should work with personal interest. All directions for cultivation will be given to him from time to time. Technical guidance will be provided. All materials required for cultivation will be supplied and financial help will be given when required. Under these circumstances, the member is to work and only work availing of all the facilities provided and enjoy the entire benefits derived from his labour.

Though the member is supposed to cultivate himself the plots allotted to him, the cultivation will not be left entirely to his care. The Society will

have control over all operations through its Agricultural department. The Agricultural Department will have one agricultural officer, one or two assistants and a number of fieldmen. These fieldmen will be trained particularly in Pineapple cultivation and will be entrusted with the work. Each fieldman will be put incharge of 8 plots i.e., 40 agres who will be responsible for the best cultivation of this area assigned to him. He will guide the members in all matters and see that all the field operations are carried out by the member as directed by his superior officers. The agricultural officer, will supervise the affairs with the help of his assistants periodically, give directions and correct the pit falls if any. Thus, our agricultural branch will have full control over all the agricultural operations and take care of the plantation.

The main object in moulding the "Farming Pattern" in this manner is to make the member feel that the land in which he is working is his own and the labour he puts in, is for his own benefits. Here human nature is to work in which, we have to create the incentive for better farming and better production. With this practical approach, splendid results are expected which we have to wait and see. Hence this pattern.

LAND

Land, required for the project may be obtained either from Government or from Private parties if available and if deem fit. In the present case, to begin with, it is proposed to obtain Government land on lease or sale, near Banavasi in S.No.1 of Madhuravalli, S.No.12 of Gudanpur, S.No.268 of Ajjarani and S.No.164 of Kadagod villages, comprising a compact area of about 650 acres at a stretch. This is a plateau having a gentle slope towards east and west which provides best drainage for rain water. This being a minor forest, there is some wild growth in some parts of the land, which needs clearing. Levelling may not be necessary as at present, because of its favourable conditions. It has a rich red-brown soil with deep subsoils having good texture for drainage. This land is examined by Horticulture Officers and experts like Mr.Axelson from Australia, in whose opinion this will be an ideal site for Pineapple cultivation. Hence, efforts should be made and obtain this land from Government. This is first phase of our project. And in the second phase programme, we may think of other lands.

IRRIGATION

Many of the pineapple growing countries on abroad are depending upon rain water and they have not provided irrigation. It has got two reasons. One is

that rainfall in some countries is spread over all the seasons of the year. So naturally these countries need no irrigation. But in some countries where rain fall is confined to one part of the year also have no irrigation systems. It is because, Mr.J.L.Collins says, "The Camel-like ability of the Pineapple plant to store up water in the special water storage cells in leaves gives it a high degree of drought tolerance and ability to maintain growth in areas where rainfall is confined to one part of the year....."

They place mulching paper on the surface of the soil to preserve moisture. This is very expensive and may not be possible in our country at least for the present.

But in some countries where irrigation is provided the results are splendid. Yield per acre is more and no failure of the crop. Therefore, it is advised and decided to provide irrigation to our Pineapple gardens. But the type of irrigation that is to be provided is not decided. It is a technical matter which should be decided only in consultation with experts.

RESEARCH

Of course there are some species of unknown variety of Pineapple grown here and there in our part without any care. These species shows healthy signs of growth and bearing. In some of the Horticulture stations in this part also Pineapple is grown on some small areas with much care. But we do not find any statistics with them, and the method of culture also may not suit to our commercial exploitation. We, therefore, must have a research department with well equipped laboratory and field station of about 100 acres. Here research studies should be carried out on all problems of Pineapple production and the results should be passed on to the fields for implementation. Unless we have this research department, scientific approach to our problems will not be possible. Some times a little unknown fact may hamper the entire production. Therefore, research division is an essential part of the project and we will have it with a well equipped laboratory and experienced officers to conduct experiments.

CROP CYCLE

The period of crop cycle depends upon the number of crops that we take. In Australia they harvest two crops - one plant crop and one ratoon crop - over a period of three years. In Hawaii the crop cycle is normally four years. But occassionally it extends to

five years, where they get three crops - one plant crop and two ratoon crops. Plant crop could be harvested after 18 months from the time of planting and ratoon crops after 12 months.

In India, particularly in this region, considering all the natural conditions which are very much favourable for the cultivation of Pineapple, it is found possible and also advisible to use five year cycle and harvest four crops - one plant crop and three ratoon crops, for which a particular cultural system should be developped. We shall adopt this crop cycle for the present and may change it if found necessary by research studies in future. So, our crop cycle is of 5 years with 4 crops. The economics are worked out basing on this crop cycle.

PLANTING

Different methods of planting Pineapple are in use in different countries. The number of plants per acre also varies from country to country ranging from 16,000 to 18,000. In India also many systems are followed in planting which seems to be not completely satisfactory. A new method, suitable to our conditions which gives more yield is yet to be evolved by experience and research studies. Till then we may adopt the double row method using about 12,000 plants per acre.

YIELD

Out of the 12,000 plants, it is presumed that 2/3rds of the plants ie., 8,000 plants will have bearing in the first plant crop. If we take that each fruit on an average weighs 2 Kgs. the yield per acre will be 16 tonnes. In the next ratoon crops the yield will naturally go on decreasing. So, a most moderate yield as defined below is taken for calculation purposes.

1st plant crop	..	15	tonnes	per acre
1st ratoon crop	..	13	-do-	-do-
2nd ratoon crop	..	11	-do-	-do-
3rd ratoon crop	..	9	-do-	-do-

Here ends the crop cycle and next fresh plantation will come up.

But we certainly expect more quantity which will add to our profits.

FINANCE

We do require finance which is needless to say. But the source of getting funds etc., are to be discussed.

You will see from the statements given in the III Part of this report that the financial requirements are worked out under separate heads; Non-recurring and recurring expenditure on one part and cultivation expenses on the other.

Non-recurring and recurring expenditure includes land development cost, capital investment and establishment charges which is required by the Society. The cultivation charges are the other part which will be needed by the members individually. Members who can afford, may cultivate the plots allotted to them out of their own funds. But to those who need help, the Society should provide.

As per the statements in Part III of this report, during the first phase programme, the requirement of funds for non-recurring expenditure is Rs.16.5 lakhs and for recurring expenditure Rs.3.6 lakhs for two years. For cultivation, we need about Rs.29 lakhs which is uptill we harvest the first crop. Then onwards our own resources will develop and we have no problem of funds.

Thus our total requirement of funds will be approximately 50 lakhs Rupees.

For the first part ie., for development work and capital investment such as buildings machinery etc., we have our share capital of Rs.3 to 4 lakhs and in addition we may require another 12 to 13 lakhs. For this amount we may approach the Government for loan on long term basis. Government may not deny help because of this most benevolent project. For the second part ie., for cultivation expenses, we may approach Co-operative Banks or any Commercial Bank if allowed, who will advance loans on much favourable terms. So, I do not feel much difficulty in procuring necessary funds for our project from the above sources.

GENERAL

Apart from the above aspects, we have many other problems to face such mannuring, weeding and pest control etc., on the cultivation side. These things should be worked out in detail with the help of experts in the field. On the whole, a perfect fool proof plan should evolve and with all efforts it should be implemented.

PART III

ECONOMICS AND FINANCIAL STATEMENTS OF PINEAPPLE CULTIVATION IN SIRSI TALUKA (N.K.)

...

Area ... 600 Acres (Minor Forest)

Plots ... 120 of 5 acres each.

EXPENDITURE

1. NON-RECURRING

Land Development

Sl.No.	Particulars	Per Acre	Per Plot	For 120 plots
1.	Jungle clearing removal of stems etc.	300-00	1,500-00	1,80,000-00
2.	Lay out of Plots, drains, channels and Roads.	100-00	500-00	60,000-00
3.	Forming the roads and drains.	300-00	1,500-00	1,80,000-00
4.	Fencing with barbed wire.	250-00	1,250-00	1,50,000-00
5.	Water supply (taken on average)	1,000-00	5,000-00	6,00,000-00
	TOTAL	Rs.1,950-00	9,750-00	11,70,000-00

2. CAPITAL INVESTMENT

a) Buildings

It is proposed to construct 15,000 Sft buildings in the first phase programme which includes office building, godowns, sheds for tractors, workshop and workmen. The details are to be worked out. So now approximate figures are taken.

i. Buildings 15,000 Sft @ Rs.15/- per Sft.	..	Rs.2,25,000-00
ii. Other equipments	..	Rs. 15,000-00
	TOTAL	Rs.2,40,000-00

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ii. Other equipments	..	Rs. 15,000-00
	TOTAL	Rs.2,40,000-00

4. RECURRING (PER YEAR)

a) Administrative Department

		Salary P.M.	Per year
1.	Secretary to the Board of Directors.	Rs.600/-	7,200-00
2.	Steno	300/-	3,600-00
3.	Manager - Office	500/-	6,000-00
4.	Asst.Manager - Office	300/-	3,600-00
5.	Accounts Officer	400/-	4,800-00
6.	Store Keeper Chief	300/-	3,600-00
7.	Accountant	300/-	3,600-00
8.	Store Keeper .. 2	150/- each	3,600-00
9.	Typist	200/-	2,400-00
10.	Clerk	150/-	1,800-00
11.	Attenders--including Stores & other offices	100/- each	7,200-00
		Rs.3,950/-	47,400-00

b) Agricultural Department

		Salary P.M.	Per year
1.	Agricultural Officer	Rs.600/-	7,200-00
2.	Asst. -do- -do-	400/-	4,800-00
3.	Typist	200/-	2,400-00
4.	Clerk	150/-	1,800-00
5.	Fieldmen .. 15	200/- each	36,000-00
	TOTAL:	4,350/-	52,200-00

c) Research Department

		Salary P.M.	Per year
1.	Director	Rs.1,000/-	12,000-00
2.	P.A.to the Director	300/-	3,600-00
3.	Typist-cum-clerk	250/-	3,000-00
4.	Servants--10 (including Laboratory Assistants)	100/each	12,000-00
		Rs.2,550/-	30,600-00

d) Mechanical Department

		Salary P.M.	Per year
1.	Drivers - 7	Rs.200/-each	16,800-00
2.	Mechanic	300/-	3,600-00
3.	Workshop Assistants--2	150/-each	3,600-00
	TOTAL:	Rs.2,000/-	24,000-00

5. TOTAL OF RECURRING EXPENDITURE.

		Per month	Per year
1.	Administrative Department	Rs.3,950/-	47,400-00
2.	Technical Department	4,350/-	52,200-00
3.	Research Department	2,550/-	30,600-00
4.	Mechanical Department	2,000/-	24,000-00
5.	Office maintenance, Travelling & other Sundry.	2,150/-	25,800-00
	TOTAL:	Rs.15,000/-	1,80,000-00

Per Acre	Per Plot	For 120 plots
Rs.300-00	1,500-00	1,80,000-00

This recurring expenditure is proposed to be levied on the members on areawise basis.

6. CULTIVATION EXPENSES

In the first crop cycle of 5 years

(a) First two years (till harvest of 1st crop).

Sl.No.	Particulars	Per acre	Per plot	For 120 plots
1.	Trenches	1,000-00	5,000-00	6,00,000-00
2.	Planting material	2,160-00	10,800-00	12,96,000-00
3.	(12,000 suckers @ Rs.180/-per 1000).			
3.	Planting labour	300-00	1,500-00	1,80,000-00
4.	Mannure	500-00	2,500-00	3,00,000-00
5.	Weeding	100-00	500-00	60,000-00
6.	Irrigation charges	300-00	1,500-00	1,80,000-00
7.	Maintenance	360-00	1,800-00	2,16,000-00
8.	Unforseen (Medicines, etc.,)	100-00	500-00	60,000-00
	TOTAL:	Rs.4,820-00	24,100-00	28,92,000-00

The total expenditure say Rs.29 lakhs.

(b) 3rd year -- 1st Ratoon Crop.

Sl.No.	Particulars	Per acre	Per plot	For 120 plots
1.	Clearing the harvested stems, etc.	300-00	1,500-00	1,80,000-00
2.	Earthing and manuring.	200-00	1,000-00	1,20,000-00
3.	Weeding	100-00	500-00	60,000-00
4.	Mannure	500-00	2,500-00	3,00,000-00
5.	Irrigation	200-00	1,000-00	1,20,000-00
6.	Maintenance	240-00	1,200-00	1,44,000-00
7.	Unforseen (medicines, etc.,)	100-00	500-00	60,000-00
		1,640-00	8,200-00	9,84,000-00
	c) 4th year second Ratoon Crop repeat	1,640-00	8,200-00	9,84,000-00
	d) 5th year third Ratoon Crop repeat	1,640-00	8,200-00	9,84,000-00
		4,920-00	24,600-00	29,52,000-00
	1st plant crop expenditure	4,820-00	24,100-00	28,92,000-00
	TOTAL EXPENDITURE FOR 5 YEARS--OUR CROP CYCLE	9,740-00	48,700-00	58,44,000-00

7. TOTAL OF ALL EXPENSES

For the first 2 years -- Till the 1st harvest.

During the first crop cycle.

	Per Acre	Per Plot	For 120 plots
1. Non-recurring expenditure.	690-00	3,450-00	4,14,000-00
2. Recurring expenditure:			
1st year ..	300-00	1,500-00	1,80,000-00
2nd year ..	300-00	1,500-00	1,80,000-00
3. Cultivation expenses	4,820-00	24,100-00	28,92,000-00
TOTAL:	Rs.6,110-00	30,550-00	36,66,000-00

For the 3rd year -- Second harvest.

	Per acre	Per plot	For 120 plots
1. Non-recurring expenditure	690-00	3,450-00	4,14,000-00
2. Recurring expenditure	300-00	1,500-00	1,80,000-00
3. Cultivation expenses	1,640-00	8,200-00	9,84,000-00
	2,630-00	13,150-00	15,78,000-00

For the 4th year -- Third harvest

	Per Acre	Per plot	For 120 plots
1. Non-recurring expenditure	690-00	3,450-00	4,14,000-00
2. Recurring expenditure	300-00	1,500-00	1,80,000-00
3. Cultivation expenses.	1,640-00	8,200-00	9,84,000-00
	2,630-00	13,150-00	15,78,000-00

For the 5th year -- Fourth Harvest

	Per Acre	Per Plot	For 120 plots
1. Non-recurring expenditure	690-00	3,450-00	4,14,000-00
2. Recurring expenditure	300-00	1,500-00	1,80,000-00
3. Cultivation expenses	1,640-00	8,200-00	9,84,000-00
	2,630-00	13,150-00	15,78,000-00

8. TOTAL EXPENDITURE OF 4 HARVESTS FOR THE FIRST CROP CYCLE

	Per Acre	Per Plot	For 120 plots
1st Harvest 2 years expenditure	6,000-00	30,550-00	36,66,600-00
2nd harvest 1 -do-	2,630-00	13,150-00	15,78,000-00
3rd harvest 1 -do-	2,630-00	13,150-00	15,78,000-00
4th harvest 1 -do-	2,630-00	13,150-00	15,78,000-00
	14,000-00	70,000-00	84,00,000-00

Interest on the investment is to be added.

9. RETURNS -- GROSS

a) I Harvest

	Per acre	Per Plot	For 120 plots
Fruits in Tonnes	15	75	9,000
In rupees @ Rs.500 per tonne	Rs.7,500-00	37,500-00	45,00,000-00

b) II Harvest

Fruits in tonnes	13	65	7,800
In rupees @ Rs.500 per tonne	6,500	32,500-00	39,00,000-00

c) III Harvest

	Per Acre	Per Plot	For 120 plots
Fruits in tonnes	11	55	6,600
In rupees @ Rs.500 per tonne	5,500-00	27,500-00	33,00,000-00

d) IV and last harvest

Fruits in Tonnes	9	45	5,400
In rupees @ Rs.500 per tonne	4,500-00	22,500-00	27,00,000-00

10. TOTAL OF RETURNS OF 4 HARVESTS FOR THE FIRST CROP CYCLE

	Fruits in Tonnes	In Rupees @ Rs.500 per Ton
1st Harvest	9,000	45,00,000-00
2nd Harvest	7,800	39,00,000-00
3rd Harvest	6,600	33,00,000-00
4th Harvest	5,400	27,00,000-00
	Tonnes 28,800	Rs.1,44,00,000-00

11. COMPUTATION OF PROFIT FROM ALL HARVESTS DURING THE FIRST CROP CYCLE OF 5 YEARS.

	Per Acre	Per plot	For 120 plots
1st harvest	7,500-00	37,500-00	45,00,000-00
LESS: Expenditure for first 2 years.	6,110-00	30,550-00	36,66,000-00
	1,390-00	6,950-00	8,34,000-00
2nd harvest	6,500-00	32,500-00	39,00,000-00
LESS: Expenditure for the 3rd year.	2,630-00	13,150-00	15,78,000-00
	3,870-00	19,350-00	23,22,000-00
3rd harvest	5,500-00	27,500-00	33,00,000-00
LESS: Expenditure for the 4th year.	2,630-00	13,150-00	15,78,000-00
	2,870-00	14,350-00	17,22,000-00

	Per Acre	Per Plot	For 120 plots
4th Harvest	4,500-00	22,500-00	27,00,000-00
Less: Expenditure for the 5th year.	2,630-00	13,150-00	15,78,000-00
	1,870-00	9,350-00	11,22,000-00

12. TOTAL INCOME FROM ALL HARVESTS (NET) DURING THE FIRST CROP CYCLE.

	Per acre	Per plot	For 120 plots
1st Harvest	1,390-00	6,950-00	8,34,000-00
2nd Harvest	3,870-00	19,350-00	23,22,000-00
3rd Harvest	2,870-00	14,350-00	17,22,000-00
4th Harvest	1,870-00	9,350-00	11,22,000-00
	10,000-00	50,000-00	60,00,000-00

13. a) PROFIT AND LOSS ACCOUNT (DURING THE FIRST CROP CYCLE).

a) Total income to the Project

Fruits 28,800 Tonnes	Rs.1,44,00,000-00	Gross Returns as per Statement No.10.
	Rs. 84,00,000-00	Less expenses as per statement No.8.
NET PROFIT:	Rs. 60,00,000-00	

b) NET INCOME FOR THE FIRST CROP CYCLE SPREAD OVER FIVE YEARS WITH FOUR CROPS AREA-WISE

	Per Year	For 5 years.
1. Net Profit to the Project	12,00,000-00	60,00,000-00
2. Net Profit per Plot	10,000-00	50,000-00
3. Net Profit per Acre	2,000-00	10,000-00

This is how the profits are derived during the first crop cycle.

14. ECONOMICS OF THE 2ND CROP CYCLE.

(Calculations are repeated wherever necessary)

1. Land development and capital investment expenditure.	Nil
2. Recurring expenditure.	Repeated.
3. Caltivation expenses.	Workedout below:

a) Cultivation expenses - During the 1st 2 years.

Sl.No.		Per Acre	Per Plot	For 120 plots
	FIRST HARVEST			
1.	Removal of old plants & clearing the field	300-00	1,500-00	1,80,000-00
2.	To dig the trenches	1,000-00	5,000-00	6,00,000-00
3.	Planting Labour	300-00	1,500-00	1,80,000-00
4.	Mannure	500-00	2,500-00	3,00,000-00
5.	Weeding	100-00	500-00	60,000-00
6.	Irrigation expenses	300-00	1,500-00	1,80,000-00
7.	Maintenance	360-00	1,800-00	2,16,000-00
8.	Unforseen (Medicine, etc)	100-00	500-00	60,000-00
		2,960-00	14,800-00	17,76,000-00

Cost for Suckers (Planting materials) is not included because now we will have our own.

b) FOR THE 3RD YEAR -- IST RATOON CROP.

Sl.No.	Particulars	Per Acre	Per Plot	For 120 plots
	As in the previous Crop Cycle	1,640-00	8,200-00	9,84,000-00
c)	4th year 2nd Ratoon crop repeated the figures	1,640-00	8,200-00	9,84,000-00
d)	5th year 3rd Ratoon crop repeated the figures	1,640-00	8,200-00	9,84,000-00
		4,920-00	24,600-00	29,52,000-00
	1st Crop 2 years expenditure.	2,960-00	14,800-00	17,76,000-00
		7,880-00	39,400-00	47,28,000-00

15. TOTAL OF ALL EXPENSES FOR THE FIRST 2 YEARS TILL THE FIRST HARVEST DURING THE 2ND CROP CYCLE.

	Per Acre	Per Plot	For 120 Plots
1. Non-Recurring Expenditure.	--	--	--
2. Recurring Expenditure:			
1st Year	300-00	1,500-00	1,80,000-00
2nd Year	300-00	1,500-00	1,80,000-00
3. Cultivation expenses	2960-00	14,800-00	17,76,000-00
Rs.	3560-00	17,800-00	21,36,000-00

For the 3rd Year -- Second Harvest

	Per Acre	Per Plot	For 120 Plots
1. Recurring Expenditure	300-00	1,500-00	1,80,000-00
2. Cultivation expenses as per previous statement.	1,740-00	8,200-00	9,84,000-00
	1,940-00	9,700-00	11,64,000-00

For the 4th Year -- Third Harvest

1. Recurring expenditure	300-00	1,500-00	1,80,000-00
2. Cultivation expenses as per previous statement.	1,740-00	8,200-00	9,84,000-00
	1,940-00	9,700-00	11,64,000-00

For the 5th Year -- Forth Harvest

1. Recurring expenditure	300-00	1,500-00	1,80,000-00
2. Cultivation expenses	1,740-00	8,200-00	9,84,000-00
	1,940-00	9,700-00	11,64,000-00

16. TOTAL OF EXPENDITURE OF 4 HARVESTS FOR THE SECOND CROP CYCLE.

	Per Acre	Per Plot	For 120 plots
1st Harvest 2 years expenses	3,560-00	17,800-00	21,36,000-00
2nd Harvest	1,940-00	9,700-00	11,64,000-00
3rd Harvest Repeat	1,940-00	9,700-00	11,64,000-00
4th Harvest Repeat	1,940-00	9,700-00	11,64,000-00
TOTAL expenses during the 2nd Crop Cycle.	9,380-00	46,900-00	56,28,000-00

17. RETURNS

(Figures are reproduced from the previous crop cycle wherever necessary)

COMPUTATION OF PROFIT FROM ALL HARVESTS DURING THE SECOND CROP CYCLE OF 5 YEARS.

	Per Acre	Per Plot	For 120 Plots
a) 1st Harvest	7,500-00	37,500-00	45,00,000-00
Less expenditure for the first 2 years	3,560-00	17,800-00	21,36,000-00
	3,940-00	19,700-00	23,64,000-00
b) 2nd Harvest	6,500-00	32,500-00	39,00,000-00
Less expenditure for 3rd year	1,940-00	9,700-00	11,64,000-00
	4,560-00	22,800-00	27,36,000-00
c) 3rd Harvest	5,500-00	27,500-00	33,00,000-00
Less expenditure for the 4th year	1,940-00	9,700-00	11,64,000-00
	3,560-00	17,800-00	21,36,000-00
d) 4th Harvest	4,500-00	22,500-00	27,00,000-00
Less expenditure for the 5th year.	1,940-00	9,700-00	11,64,000-00
	2,560-00	12,800-00	15,36,000-00

18. PROFIT AND LOSS ACCOUNT

(During the 2nd Crop Cycle)

Fruits 28,800 Tonnes (as per previous crop cycle)	Rs.1,44,00,000-00	Gross returns as per previous crop cycle.
	56,28,000-00	Less expenditure as per statement No.16.
NET PROFIT	Rs. 87,72,000-00	

b) TOTAL INCOME FROM ALL HARVESTS (NET) DURING THE SECOND CROP CYCLE, AREA-WISE

	Per Acre	Per Plot	For 120 plots
1st Harvest	3,940-00	19,700-00	23,64,000-00
2nd Harvest	4,560-00	22,800-00	27,36,000-00
3rd Harvest	3,560-00	17,800-00	21,36,000-00
4th Harvest	2,560-00	12,800-00	15,36,000-00
	14,620-00	73,100-00	87,72,000-00

c) Net Income for the second crop cycle spread over 5 years with 4 crops.

	Per Year	For 5 years
1. Net Profit for the Project	17,54,400/-	87,72,000-00
2. Net Profit per Plot	14,620-00	73,100-00
3. Net Profit per Acre	2,924-00	14,620-00

This is how the profits are derived during the Second Crop Cycle.

19. FINANCIAL REQUIREMENTS

The financial requirements of the Society during the first phase programme are as under:

a) Rs.16,56,000-00	As per Statement No.3 for Non-recurring expenditure such as land development, buildings, machinery, etc. This amount could be repaid by the end of the first crop cycle period, in four instalments, the first commencing from the 3rd year.
b) Rs. 3,60,000-00	As per Statement No.5 for recurring expenditure for two years.
c) Rs.28,92,000-00	As per Statement No.6(a) for cultivation expenses to advance to the Members. This amount will be repaid as computed in Statement No.11, after 2 years, by the end of first harvest.
Rs.49,08,000-00	

TOTAL REQUIREMENTS SAY RS.50,00,000-00.

--xoOox--

Regd. Post. no 6865

140

OFFICE OF THE CHIEF MINISTER
No.
Date
BANGALORE.

THE HON'BLE CHIEF MINISTER,
GOVERNMENT OF MYSORE,
VIDHAN SOUDHA,
BANGALORE.

APPLICATION FOR GRANT OF LAND FOR PINEAPPLE CULTIVATION IN SIRSI TALUKA N. KANARA DISTRICT.

FROM THE PROPOSED:-

VARADA VALLEY PINEAPPLE GROWERS
CO-OPERATIVE SOCIETY LTD.,
BANAWASI.

TALUKA: SIRSI (N.KANARA)

141

PINEAPPLE CULTIVATION

IN

SIRSI TALUKA (N. K.)

PROJECT REPORT

C. C. MULGUND

A SHORT REPORT ON A PROJECT OF CULTIVATING PINEAPPLE IN SIRSI TALUKA (N.K.)

--x--

Area: 600 acres near Banavasi

Project Cost: Rs.50 Lakhs.

"Do not depend much on human help.
Rely upon your own loyalty to the Devine."

M.P.P.

PINEAPPLE

"I do not suppose that there is in the whole world any other fruit of so exquisite and lovely appearance. Its flesh is very appetizing, very satisfying to the taste".

In 1513. OVIEDO.

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-- CONTENTS --

A Word about the Report.

Part I -- General Aspects of the Pineapple Cultivation

Part II -- Present Project.

Part III -- Economics and Financial Statements.

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A WORD ABOUT THIS REPORT

Perhaps many of you are aware that one Mr.Axelson a Rotarian from Australia was camping at Sirsi as a guest of Sirsi Rotary Club during last April and May. He is the President of sales group of a big canning Company with different 51 canneries in Australia and an expert in processing, canning and cultivating Pineapples. He had come to India (He has now returned) on behalf of the International Rotary Club to give free advise on Pineapple Industry. Presently he was advising and helping the "Kamadenu Dairy and Fruit Processing Society" Sirsi in setting up its fruit processing plant near Navanageri in Sirsi Taluka.

During this period, I had an opportunity to meet him at my house at Banavasi who came there with Shri S.G.Hutan, President, Rotary Club, Sirsi and Chairman of Kamadhenu Society. We discussed on various matters in general and on Pineapple Industry in particular. Being much impressed by the discussions, a faint idea of a project to cultivate Pineapple on large scale - particularly with a view to accelerate the progress of the fruit processing unit of Kamadhenu Society flashed. Then immediately I took Mr.Azelson to the site, - which is now proposed for the project, where we romed about for an hour. He examined the land, its geographical situation, soil conditions, etc., and expressed his great satisfaction about the sublime qualities of the land and climatic conditions for Pineapple cultivation.

This conversation with him gave us a fillip to think about the proposed project.

After this incident, within the next few days I happened to meet our Finance Minister Sri Ramakrishna Hegde when I had an occasion to discuss with him about this project. He evinced a great interest in this and give a graphic picture of the Pineapple Industry in Hawaii and other islands which he had visited recently and had seen personally the developments of this Industry in those countries. He is dreaming of making our District a Hawaii by converting our wild forests into Pineapple gardens. His talks were very encouraging and created a great hope about the most promising future of this industry in our Country. His encouragement and assurance set us to work on this project.

Thus, this report has evolved from these two incidents.

This report is arranged in three parts, first one dealing with the general aspects of Pineapple cultivation and the second one with our present project. In the third part economics of the Pineapple cultivation are discussed. But here I do not claim to have covered all the aspects of the proposed project with enough details. It is because of two reasons, one is that the time at my disposal to prepare this report was limited and the other, the material available for study was very little. Hence, this short coming. Further, studies on the subject should enable us to overcome the deficiencies.

Regarding the success of this project, the figures in the third part of this report speak for themselves and need no explanation.

The Proposals made in this report for the implementation of the scheme are with quite realistic approach to the problems. They are made, taking into consideration the psychological effects on human nature and economical structure of our Country. Otherwise, it will only be a dream never to be materialised.

With all this, I sincerely hope that a day will dawn on our horizon in the near future, when we see thousands of acres of Pineapple gardens in this area and with the results people enjoying life in any way not inferior to the Western Nations.

Davangere,
20-6-1969.

C.C.MULGUND.

A SHORT REPORT ON A SMALL PROJECT OF CULTIVATING PINEAPPLE IN SIRSI TALUKA (N.K.)

PART I

PREAMBLE.

Life is changing very fast and so also the needs. Old things are assuming new shapes and new habits are cultivated to suit the new life and new environment. Canned fruits and cooked food are occupying an important place on the dining table of to-day. And it will be more so to-morrow. Material development is a great contributing factor to this, towards which we are marching fast.

Pineapple has come to the western table long back with its different forms, and every day its consumption is increasing enormously. After the second world war canning and cultivation of Pineapple have assumed the shape of major industries. With the result, the cultivation of Pineapple to-day has shifted from the hands of ordinary farmer to the hands of big companies where almost all the field operations are fully machanized. For processing and canning the fruits, fully automatic plants are developped with several hundred tonnes capacity per day.

Malaya, Singapore, Philippines, Australia, Africa, Maxico, Cuba, Brazil, and so many other tropical Islands are cultivating Pineapple on such a large scale that they grow on thousands of acres of land and process millions of tonnes of fruits every year. One canning company by name "The Kenya Canners Ltd" having its head office in London and fields in Kenya is processing Pineapples grown in 30 thousands acres every year. Hawaii is said to be the centre of Pineapple cultivation where they grow nothing but Pineapple. The yield of this fruit in Hawaii per acre is said to be 60 tonnes whereas it is 30 tonnes in Australia and 15 to 20 tonnes in India. It is said that the entire economy of Hawaii is built up by the Pineapple cultivation. They import all their requirements of life and grow only Pineapple in their fields, process it and export to different markets of the World. To us it seems to be something fantastic. But it is a fact.

This is how things are growing arround us. But We! The dawn is now breaking on our horizon and we are just opening our eyes towards the flashing lights of the east and the west both. From Industrialization we have come to the "Green Revolution" where new life

is to evolve. We are now in the fields to grow. Grow this, Grow that, and Grow more. We should grow faster that we presume it to grow. Otherwise, we cannot race with the time.

SCOPE

Unless there is an opportunity, nothing new can come out. In industry or in agriculture no commodity could be produced unless one is sure of the market to sell his goods. So far, we had no opportunity whatsoever to take up cultivation of Pineapples on large or small scale. But now many opportunities have been created. In Sirsi Taluka, the establishment of the fruit processing industry by the "Kamadhenu Dairy and Fruit Processing Society" has opened the avenue for cultivating Pineapple on large scale. Its processing unit having a capacity to process about 30 tonnes of raw fruits every day, creates a potential market for Pineapples. It requires fruits grown in thousands of acres every year to keep its factory running. So, it is the ready buyer and we have no problem to sell our fruits.

Study has revealed that Scientific Cultivation of Pineapple is much paying and it could be cultivated on small holdings as well as on large areas. It could also be taken up on Industrial lines and developped to an extent unlimited. So vast is the field. This essentially agricultural industry provides many opportunities to our poor farmers and also to those who are interested in agro-based industries. It is certainly a boon to them and it has got a great future in our Country. Its proper development could solve our economical problems (of the people of this area) to a great extent.

Marketing facilities are not the only critaria to undertake big ventures. There are many other aspects which need careful consideration. In the present case, land, soil, rainfall and climatic conditions are equally important. We shall discuss about them here in brief:--

LAND

Pineapple grows on Plateau lands either on the floor of the sea or on the top of the mountain in all tropical zones. It can also be grown on the mountain slopes--of course with a little more effort--provided the other conditions are favourable. Lands with a gentle slope to drain out rain water are provided to be best suited for Pineapple cultivation. Because Pineapple does not tolerate wet feet. So, if the

rain water is drained out automatically it is very good. If not, the stagnated water may create water logged areas and harm the plant. In such cases where it is inevitable, deep drainage channels should be provided and drainout the water; so that, the water table should go down below the root zone of the plant. In this part where we intend to take up this project, land question does not pose any problem. Because we have big plateau lands, stretching miles together with most favourable geographical conditions.

CLIMATE

Pineapple is a fruit which grows only in the tropical regions, and temperature is one of the decisive factors in the cultivation of this fruit. It will never tolerate cold or frost and also a high degree of heat. Even in the tropics the cultivation of Pineapple is restricted to lower elevations. In Hawaii it is cultivated at elevations from almost sea level to 670 m, where temperature variation ranges from 10 to 32 ^{o}C. In view of these facts, the climate of this area which ranges from 60 to 100°f. and the elevation of land which is near about 200 feet from the sea level are very much suited for the purpose.

SOIL

Pineapple grows in various types of soils from rich red-brown soils to poor thin sandy ones. Different countries use different types of soils for the cultivation of this fruit. But from the study of these different soil conditions, it is found that the red-brown soil composed of decayed organic material is very good for the culture of this fruit. But good drainage, soil aeration and low percentage of lime are the essential characters in all types of soils.

Our soil is rich red-brown soil with very good texture for drainage. When tested, the results are found to be very encouraging. It has got all the essential characters and is very much suited for the cultivation of Pineapples.

RAIN FALL

Pineapple grows in a wide range of rain fall, varying from 60 cm. to 250 cm. In this region the rainfall is within the above range and is therefore well suited for the cultivation of Pineapple.

PIT FALLS

Though all the conditions are favourable, this agricultural industry is not without pit falls. In the cultural process, apart from the agricultural

problems which we have to combat and solve by research studies, the plant diseases are very important. There are some pineapple diseases which may severely damage the crop. Here, modern methods of plant protection will come to our help and we can control the diseases effectively. Another trouble may arise when fruits are not marketed soon after the harvest. But in our case we have ready market and therefore no problem.

CONCLUSION

So, we have now examined all the possible aspects of Pineapple cultivation and have found all the natural conditions in this region which will influence the growth of Pineapple are very much favourable and provide great resources for exploitation. Cultivation is the other part of it and it is to be done by human efforts.

This project is a small effort in utilising the resources afforded by nature.

PART II

PRESENT PROJECT

In this back ground explained so far, it is proposed to sponsor an association in the co-operative sector to cultivate Pineapple on a large scale. The details are discussed in the following pages:

ASSOCIATION

It is proposed to promote a co-operative society by name "VARADA VALLEY PINEAPPLE GROWERS' CO-OPERATIVE SOCIETY" with limited liabilities and register it under the Co-operative Society's Act. This Society will have its office and field station at Banavasi in Sirsi Taluka, North Kanara District. It will have a share capital of Rs.5 lakhs which will be contributed by those who are interested in the project and are prepared to take up cultivation personally as will be planned and directed by the Management of the Society. Other things will be governed by the rules which will be framed in due course of time.

Thus an Association will be formed and start working.

AIMS AND OBJECTS

The aims of the Society are to cultivate Pineapple on large areas, collectively, creating individual interest in the holdings (the details of "Individual Interest" are discussed under the head "Farming Pattern"). While doing so many avenues will be opened and many opportunities will be created to all those who will participate in this venture.

This plan is designed to provide scope for individual growth and through them contribute to the growth of the Society.

The ultimate aim of this venture is to provide all opportunities for two or three hundred families to work on the farms with definite plans and facilities, and then see that they earn a fair income of ten to fifteen thousand rupees every year, live in their own R.C.C.Houses with all amunities of modern life and enjoy the benefit of their labour. The pleasure of seeing the growth of this healthy society is the principal object of this Association.

MANAGEMENT

The Management of the Society and its farms will be carried out by the Board of Directors through its different departments. They are as follows:--

1. Board of Directors.
2. Secretary to the Board of Directors. He will work as a co-ordinating officer between all departments.
3. Administrative department.
4. Agricultural department.
5. Research department.
6. Mechanical department.

The staff required by these departments is detailed in the statement given in Part III of this report. It is a tentative structure and a permanent one should evolve by experience and needs.

FARMING PATTERN

The land obtained from Government or Private parties - in any case not less than five to six hundred acres at a stretch - will be developped by the Society on industrial lines, applying all scientific and modern technics so far achieved in the field. Generally this development consists of clearing the site and levelling wherever necessary and fencing and providing irrigation as required by the Pineapple cultivation.

This land will be divided into small economic holdings say of 5 acres each providing approach roads inside the project area, irrigation channels and drains to facilitate all the requirements of modern farming. Actual lay outs will be made on the land as per plan, roads, channels and drains will be formed and make them ready for cultivation. In the meanwhile, plans for planting Pineapple will be prepared and with blue prints of these plans, together with instructions to carry out planting and other operations on the farm, these plots will be handed over to the members for further cultivation.

Then starts the responsibility of individual members. Each member will have one to four plots of the above size in this scheme, which will be allotted to him by the society. These plots will be of his own as far as he is the loyal member of the Society. On these plots the member should work with personal interest. All directions for cultivation will be given to him from time to time. Technical guidance will be provided. All materials required for cultivation will be supplied and financial help will be given when required. Under these circumstances, the member is to work and only work availing of all the facilities provided and enjoy the entire benefits derived from his labour.

Though the member is supposed to cultivate himself the plots allotted to him, the cultivation will not be left entirely to his care. The Society will

have control over all operations through its Agricultural department. The Agricultural Department will have one agricultural officer, one or two assistants and a number of fieldmen. These fieldmen will be trained particularly in Pineapple cultivation and will be entrusted with the work. Each fieldman will be put incharge of 8 plots i.e., 40 agres who will be responsible for the best cultivation of this area assigned to him. He will guide the members in all matters and see that all the field operations are carried out by the member as directed by his superior officers. The agricultural officer, will supervise the affairs with the help of his assistants periodically, give directions and correct the pit falls if any. Thus, our agricultural branch will have full control over all the agricultural operations and take care of the plantation.

The main object in moulding the "Farming Pattern" in this manner is to make the member feel that the land in which he is working is his own and the labour he puts in, is for his own benefits. Here human nature is to work in which, we have to create the incentive for better farming and better production. With this practical approach, splendid results are expected which we have to wait and see. Hence this pattern.

LAND

Land, required for the project may be obtained either from Government or from Private parties if available and if deem fit. In the present case, to begin with, it is proposed to obtain Government land on lease or sale, near Banavasi in S.No.1 of Madhuravalli, S.No.12 of Gudanpur, S.No.268 of Ajjarani and S.No.164 of Kadagod villages, comprising a compact area of about 650 acres at a stretch. This is a plateau having a gentle slope towards east and west which provides best drainage for rain water. This being a minor forest, there is some wild growth in some parts of the land, which needs clearing.. Levelling may not be necessary as at present, because of its favourable conditions. It has a rich red-brown soil with deep subsoils having good texture for drainage. This land is examined by Horticulture Officers and experts like Mr.Axelson from Australia, in whose opinion this will be an ideal site for Pineapple cultivation. Hence, efforts should be made and obtain this land from Government. This is first phase of our project. And in the second phase programme, we may think of other lands.

IRRIGATION

Many of the pineapple growing countries on abroad are depending upon rain water and they have not provided irrigation. It has got two reasons. One is

that rainfall in some countries is spread over all the seasons of the year. So naturally these countries need no irrigation. But in some countries where rain fall is confined to one part of the year also have no irrigation systems. It is because, Mr.J.L.Collins says, "The Camel-like ability of the Pineapple plant to store up water in the special water storage cells in leaves gives it a high degree of drought tolerance and ability to maintain growth in areas where rainfall is confined to one part of the year....."

They place mulching paper on the surface of the soil to preserve moisture. This is very expensive and may not be possible in our country at least for the present.

But in some countries where irrigation is provided the results are splendid. Yield per acre is more and no failure of the crop. Therefore, it is advised and decided to provide irrigation to our Pineapple gardens. But the type of irrigation that is to be provided is not decided. It is a technical matter which should be decided only in consultation with experts.

RESEARCH

Of course there are some species of unknown variety of Pineapple grown here and there in our part without any care. These species shows healthy signs of growth and bearing. In some of the Horticulture stations in this part also Pineapple is grown on some small areas with much care. But we do not find any statistics with them, and the method of culture also may not suit to our commercial exploitation. We, therefore, must have a research department with well equipped laboratory and field station of about 100 acres. Here research studies should be carried out on all problems of Pineapple production and the results should be passed on to the fields for implementation. Unless we have this research department, scientific approach to our problems will not be possible. Some times a little unknown fact may hamper the entire production. Therefore, research division is an essential part of the project and we will have it with a well equipped laboratory and experienced officers to conduct experiments.

CROP CYCLE

The period of crop cycle depends upon the number of crops that we take. In Australia they harvest two crops - one plant crop and one ratoon crop - over a period of three years. In Hawaii the crop cycle is normally four years. But occassionally it extends to

five years, where they get three crops - one plant crop and two ratoon crops. Plant crop could be harvested after 18 months from the time of planting and ratoon crops after 12 months.

In India, particularly in this region, considering all the natural conditions which are very much favourable for the cultivation of Pineapple, it is found possible and also advisible to use five year cycle and harvest four crops - one plant crop and three ratoon crops, for which a particular cultural system should be developped. We shall adopt this crop cycle for the present and may change it if found necessary by research studies in future. So, our crop cycle is of 5 years with 4 crops. The economics are worked out basing on this crop cycle.

PLANTING

Different methods of planting Pineapple are in use in different countries. The number of plants per acre also varies from country to country ranging from 16,000 to 18,000. In India also many systems are followed in planting which seems to be not completely satisfactory. A new method, suitable to our conditions which gives more yield is yet to be evolved by experience and research studies. Till then we may adopt the double row method using about 12,000 plants per acre.

YIELD

Out of the 12,000 plants, it is presumed that 2/3rds of the plants ie., 8,000 plants will have bearing in the first plant crop. If we take that each fruit on an average weighs 2 Kgs. the yield per acre will be 16 tonnes. In the next ratoon crops the yield will naturally go on decreasing. So, a most moderate yield as defined below is taken for calculation purpose:

1st plant crop	..	15	tonnes	per acre
1st ratoon crop	..	13	-do-	-do-
2nd ratoon crop	..	11	-do-	-do-
3rd ratoon crop	..	9	-do-	-do-

Here ends the crop cycle and next fresh plantation will come up.

But we certainly expect more quantity which will add to our profits.

FINANCE

We do require finance which is needless to say. But the source of getting funds etc., are to be discussed.

You will see from the statements given in the III Part of this report that the financial requirements are worked out under separate heads; Non-recurring and recurring expenditure on one part and cultivation expenses on the other.

Non-recurring and recurring expenditure includes land development cost, capital investment and establishment charges which is required by the Society. The cultivation charges are the other part which will be needed by the members individually. Members who can afford, may cultivate the plots allotted to them out of their own funds. But to those who need help, the Society should provide.

As per the statements in Part III of this report, during the first phase programme, the requirement of funds for non-recurring expenditure is Rs.16.5 lakhs and for recurring expenditure Rs.3.6 lakhs for two years. For cultivation, we need about Rs.29 lakhs which is uptill we harvest the first crop. Then onwards our own resources will develop and we have no problem of funds.

Thus our total requirement of funds will be approximately 50 lakhs Rupees.

For the first part ie., for development work and capital investment such as buildings machinery etc., we have our share capital of Rs.3 to 4 lakhs and in addition we may require another 12 to 13 lakhs. For this amount we may approach the Government for loan on long term basis. Government may not deny help because of this most benevolent project. For the second part ie., for cultivation expenses, we may approach Co-operative Banks or any Commercial Bank if allowed, who will advance loans on much favourable terms. So, I do not feel much difficulty in procuring necessary funds for our project from the above sources.

GENERAL

Apart from the above aspects, we have many other problems to face such mannuring, weeding and pest control etc., on the cultivation side. These things should be worked out in detail with the help of experts in the field. On the whole, a perfect fool proof plan should evolve and with all efforts it should be implemented.

PART III

ECONOMICS AND FINANCIAL STATEMENTS OF PINEAPPLE CULTIVATION IN SIRSI TALUKA (N.K.)

...

Area ... 600 Acres (Minor Forest)

Plots ... 120 of 5 acres each.

EXPENDITURE

1. NON-RECURRING

Land Development

Sl.No.	Particulars	Per Acre	Per Plot	For 120 plots
1.	Jungle clearing removal of stems etc.	300-00	1,500-00	1,80,000-00
2.	Lay out of Plots, drains, channels and Roads.	100-00	500-00	60,000-00
3.	Forming the roads and drains.	300-00	1,500-00	1,80,000-00
4.	Fencing with barbed wire.	250-00	1,250-00	1,50,000-00
5.	Water supply (taken on average)	1,000-00	5,000-00	6,00,000-00
	TOTAL	Rs.1,950-00	9,750-00	11,70,000-00

2. CAPITAL INVESTMENT

a) Buildings

It is proposed to construct 15,000 Sft buildings in the first phase programme which includes office building, godowns, sheds for tractors, workshop and workmen. The details are to be worked out. So now approximate figures are taken.

i. Buildings 15,000 Sft @ Rs.15/- per Sft.	..	Rs.2,25,000-00
ii. Other equipments	..	Rs. 15,000-00
	TOTAL	Rs.2,40,000-00

b) Machinery

1. Tractors 6 Nos. with trailor -- one for 100 acres -- @ Rs.30,000 each.	Rs.1,80,000-00
2. Other implements	46,000-00
3. One vehical	20,000-00
TOTAL:	Rs.2,46,000-00

3. TOTAL OF NON-RECURRING EXPENDITURE.

i. Land development cost	Rs.11,70,000-00
ii. Buildings ...	Rs. 2,40,000-00
iii. Machinery ...	Rs. 2,46,000-00
TOTAL:	Rs.16,56,000-00

This non-recurring expenditure on land development, building, and machinery is proposed to be recovered by the members on acrewise basis in the first crop cycle of 5 years - 4 crops; so by four instalments. First instalment to be recovered after 2 years and then every year soon after the harvests.

So, the instalments work out as follows:

	Per Acre	Per plot	For 120 plots
Per year	Rs. 690-00	3,450-00	4,14,000-00
For 5 years	Rs.3,450-00	17,250-00	16,56,000-00

(Plus interest)

4. RECURRING (PER YEAR)

a) Administrative Department

		Salary P.M.	Per year
1.	Secretary to the Board of Directors.	Rs.600/-	7,200-00
2.	Steno	300/-	3,600-00
3.	Manager - Office	500/-	6,000-00
4.	Asst.Manager - Office	300/-	3,600-00
5.	Accounts Officer	400/-	4,800-00
6.	Store Keeper Chief	300/-	3,600-00
7.	Accountant	300/-	3,600-00
8.	Store Keeper .. 2	150/- each	3,600-00
9.	Typist	200/-	2,400-00
10.	Clerk	150/-	1,800-00
11.	Attenders--including Stores & other offices	100/- each	7,200-00
		Rs.3,950/-	47,400-00

b) Agricultural Department

		Salary P.M.	Per year
1.	Agricultural Officer	Rs.600/-	7,200-00
2.	Asst. -do- -do-	400/-	4,800-00
3.	Typist	200/-	2,400-00
4.	Clerk	150/-	1,800-00
5.	Fieldmen .. 15	200/- each	36,000-00
	TOTAL:	4,350/-	52,200-00

c) Research Department

		Salary P.M.	Per year
1.	Director	Rs.1,000/-	12,000-00
2.	P.A.to the Director	300/-	3,600-00
3.	Typist-cum-clerk	250/-	3,000-00
4.	Servants--10 (including Laboratory Assistants)	100/each	12,000-00
		Rs.2,550/-	30,600-00

d) Mechanical Department

		Salary P.M.	Per year
1.	Drivers - 7	Rs.200/-each	16,800-00
2.	Mechanic	300/-	3,600-00
3.	Workshop Assistants--2	150/-each	3,600-00
	TOTAL:	Rs.2,000/-	24,000-00

5. TOTAL OF RECURRING EXPENDITURE.

		Per month	Per year
1.	Administrative Department	Rs.3,950/-	47,400-00
2.	Technical Department	4,350/-	52,200-00
3.	Research Department	2,550/-	30,600-00
4.	Mechanical Department	2,000/-	24,000-00
5.	Office maintenance, Travelling & other Sundry.	2,150/-	25,800-00
	TOTAL:	Rs.15,000/-	1,80,000-00

Per Acre	Per Plot	For 120 plots
Rs.300-00	1,500-00	1,80,000-00

This recurring expenditure is proposed to be levied on the members on areawise basis.

6. CULTIVATION EXPENSES

In the first crop cycle of 5 years

(a) First two years (till harvest of 1st crop).

Sl.No.	Particulars	Per acre	Per plot	For 120 plots
1.	Trenches	1,000-00	5,000-00	6,00,000-00
2.	Planting material	2,160-00	10,800-00	12,96,000-00
3.	(12,000 suckers @ Rs.180/-per 1000).			
3.	Planting labour	300-00	1,500-00	1,80,000-00
4.	Mannure	500-00	2,500-00	3,00,000-00
5.	Weeding	100-00	500-00	60,000-00
6.	Irrigation charges	300-00	1,500-00	1,80,000-00
7.	Maintenance	360-00	1,800-00	2,16,000-00
8.	Unforseen (Medicines, etc.,)	100-00	500-00	60,000-00
	TOTAL:	Rs.4,820-00	24,100-00	28,92,000-00

The total expenditure say Rs.29 lakhs.

(b) 3rd year -- 1st Ratoon Crop.

Sl.No.	Particulars	Per acre	Per plot	For 120 plots
1.	Clearing the harvested stems, etc.	300-00	1,500-00	1,80,000-00
2.	Earthing and manuring.	200-00	1,000-00	1,20,000-00
3.	Weeding	100-00	500-00	60,000-00
4.	Mannure	500-00	2,500-00	3,00,000-00
5.	Irrigation	200-00	1,000-00	1,20,000-00
6.	Maintenance	240-00	1,200-00	1,44,000-00
7.	Unforseen (medicines, etc.,)	100-00	500-00	60,000-00
		1,640-00	8,200-00	9,84,000-00
	c) 4th year second Ratoon Crop repeat	1,640-00	8,200-00	9,84,000-00
	d) 5th year third Ratoon Crop repeat	1,640-00	8,200-00	9,84,000-00
		4,920-00	24,600-00	29,52,000-00
	1st plant crop expenditure	4,820-00	24,100-00	28,92,000-00
	TOTAL EXPENDITURE FOR 5 YEARS--OUR CROP CYCLE	9,740-00	48,700-00	58,44,000-00

7. TOTAL OF ALL EXPENSES

For the first 2 years -- Till the 1st harvest.

During the first crop cycle.

	Per Acre	Per Plot	For 120 plots
1. Non-recurring expenditure.	690-00	3,450-00	4,14,000-00
2. Recurring expenditure:			
1st year ..	300-00	1,500-00	1,80,000-00
2nd year ..	300-00	1,500-00	1,80,000-00
3. Cultivation expenses	4,820-00	24,100-00	28,92,000-00
TOTAL:	Rs.6,110-00	30,550-00	36,66,000-00

For the 3rd year -- Second harvest.

	Per acre	Per plot	For 120 plots
1. Non-recurring expenditure	690-00	3,450-00	4,14,000-00
2. Recurring expenditure	300-00	1,500-00	1,80,000-00
3. Cultivation expenses	1,640-00	8,200-00	9,84,000-00
	2,630-00	13,150-00	15,78,000-00

For the 4th year -- Third harvest

	Per Acre	Per plot	For 120 plots
1. Non-recurring expenditure	690-00	3,450-00	4,14,000-00
2. Recurring expenditure	300-00	1,500-00	1,80,000-00
3. Cultivation expenses.	1,640-00	8,200-00	9,84,000-00
	2,630-00	13,150-00	15,78,000-00

For the 5th year -- Fourth Harvest

	Per Acre	Per Plot	For 120 plots
1. Non-recurring expenditure	690-00	3,450-00	4,14,000-00
2. Recurring expenditure	300-00	1,500-00	1,80,000-00
3. Cultivation expenses	1,640-00	8,200-00	9,84,000-00
	2,630-00	13,150-00	15,78,000-00

8. TOTAL EXPENDITURE OF 4 HARVESTS FOR THE FIRST CROP CYCLE

	Per Acre	Per Plot	For 120 plots
1st Harvest 2 years expenditure	6,000-00	30,550-00	36,66,600-00
2nd harvest 1 -do-	2,630-00	13,150-00	15,78,000-00
3rd harvest 1 -do-	2,630-00	13,150-00	15,78,000-00
4th harvest 1 -do-	2,630-00	13,150-00	15,78,000-00
	14,000-00	70,000-00	84,00,000-00

Interest on the investment is to be added.

9. RETURNS -- GROSS

a) I Harvest

	Per acre	Per Plot	For 120 plots
Fruits in Tonnes	15	75	9,000
In rupees @ Rs.500 per tonne	Rs.7,500-00	37,500-00	45,00,000-00

b) II Harvest

Fruits in tonnes	13	65	7,800
In rupees @ Rs.500 per tonne	6,500	32,500-00	39,00,000-00

c) III Harvest

	Per Acre	Per Plot	For 120 plots
Fruits in tonnes	11	55	6,600
In rupees @ Rs.500 per tonne	5,500-00	27,500-00	33,00,000-00

d) IV and last harvest

Fruits in Tonnes	9	45	5,400
In rupees @ Rs.500 per tonne	4,500-00	22,500-00	27,00,000-00

10. TOTAL OF RETURNS OF 4 HARVESTS FOR THE FIRST CROP CYCLE

	Fruits in Tonnes	In Rupees @ Rs.500 per Ton
1st Harvest	9,000	45,00,000-00
2nd Harvest	7,800	39,00,000-00
3rd Harvest	6,600	33,00,000-00
4th Harvest	5,400	27,00,000-00
	Tonnes 28,800	Rs.1,44,00,000-00

11. COMPUTATION OF PROFIT FROM ALL HARVESTS DURING THE FIRST CROP CYCLE OF 5 YEARS.

	Per Acre	Per plot	For 120 plots
1st harvest	7,500-00	37,500-00	45,00,000-00
LESS: Expenditure for first 2 years.	6,110-00	30,550-00	36,66,000-00
	1,390-00	6,950-00	8,34,000-00
2nd harvest	6,500-00	32,500-00	39,00,000-00
LESS: Expenditure for the 3rd year.	2,630-00	13,150-00	15,78,000-00
	3,870-00	19,350-00	23,22,000-00
3rd harvest	5,500-00	27,500-00	33,00,000-00
LESS: Expenditure for the 4th year.	2,630-00	13,150-00	15,78,000-00
	2,870-00	14,350-00	17,22,000-00

	Per Acre	Per Plot	For 120 plots
4th Harvest	4,500-00	22,500-00	27,00,000-00
Less: Expenditure for the 5th year.	2,630-00	13,150-00	15,78,000-00
	1,870-00	9,350-00	11,22,000-00

12. TOTAL INCOME FROM ALL HARVESTS (NET) DURING THE FIRST CROP CYCLE.

	Per acre	Per plot	For 120 plots
1st Harvest	1,390-00	6,950-00	8,34,000-00
2nd Harvest	3,870-00	19,350-00	23,22,000-00
3rd Harvest	2,870-00	14,350-00	17,22,000-00
4th Harvest	1,870-00	9,350-00	11,22,000-00
	10,000-00	50,000-00	60,00,000-00

13. a) PROFIT AND LOSS ACCOUNT (DURING THE FIRST CROP CYCLE).

a) Total income to the Project

Fruits 28,800 Tonnes	Rs.1,44,00,000-00	Gross Returns as per Statement No.10.
	Rs. 84,00,000-00	Less expenses as per statement No.8.
NET PROFIT:	Rs. 60,00,000-00	

b) NET INCOME FOR THE FIRST CROP CYCLE SPREAD OVER FIVE YEARS WITH FOUR CROPS AREA-WISE

	Per Year	For 5 years.
1. Net Profit to the Project	12,00,000-00	60,00,000-00
2. Net Profit per Plot	10,000-00	50,000-00
3. Net Profit per Acre	2,000-00	10,000-00

This is how the profits are derived during the first crop cycle.

14. ECONOMICS OF THE 2ND CROP CYCLE.

(Calculations are repeated wherever necessary)

1. Land development and capital investment expenditure.	Nil
2. Recurring expenditure.	Repeated.
3. Caltivation expenses.	Workedout below:

a) Cultivation expenses - During the 1st 2 years.

Sl.No.		Per Acre	Per Plot	For 120 plots
	FIRST HARVEST			
1.	Removal of old plants & clearing the field	300-00	1,500-00	1,80,000-00
2.	To dig the trenches	1,000-00	5,000-00	6,00,000-00
3.	Planting Labour	300-00	1,500-00	1,80,000-00
4.	Mannure	500-00	2,500-00	3,00,000-00
5.	Weeding	100-00	500-00	60,000-00
6.	Irrigation expenses	300-00	1,500-00	1,80,000-00
7.	Maintenance	360-00	1,800-00	2,16,000-00
8.	Unforseen (Medicine, etc)	100-00	500-00	60,000-00
		2,960-00	14,800-00	17,76,000-00

Cost for Suckers (Planting materials) is not included because now we will have our own.

b) FOR THE 3RD YEAR -- IST RATOON CROP.

Sl.No.	Particulars	Per Acre	Per Plot	For 120 plots
	As in the previous Crop Cycle	1,640-00	8,200-00	9,84,000-00
c)	4th year 2nd Ratoon crop repeated the figures	1,640-00	8,200-00	9,84,000-00
d)	5th year 3rd Ratoon crop repeated the figures	1,640-00	8,200-00	9,84,000-00
		4,920-00	24,600-00	29,52,000-00
	1st Crop 2 years expenditure.	2,960-00	14,800-00	17,76,000-00
		7,880-00	39,400-00	47,28,000-00

15. TOTAL OF ALL EXPENSES FOR THE FIRST 2 YEARS TILL THE FIRST HARVEST DURING THE 2ND CROP CYCLE.

	Per Acre	Per Plot	For 120 Plots
1. Non-Recurring Expenditure.	--	--	--
2. Recurring Expenditure:			
1st Year	300-00	1,500-00	1,80,000-00
2nd Year	300-00	1,500-00	1,80,000-00
3. Cultivation expenses	2960-00	14,800-00	17,76,000-00
Rs.	3560-00	17,800-00	21,36,000-00

For the 3rd Year -- Second Harvest

	Per Acre	Per Plot	For 120 Plots
1. Recurring Expenditure	300-00	1,500-00	1,80,000-00
2. Cultivation expenses as per previous statement.	1,740-00	8,200-00	9,84,000-00
	1,940-00	9,700-00	11,64,000-00

For the 4th Year -- Third Harvest

1. Recurring expenditure	300-00	1,500-00	1,80,000-00
2. Cultivation expenses as per previous statement.	1,740-00	8,200-00	9,84,000-00
	1,940-00	9,700-00	11,64,000-00

For the 5th Year -- Forth Harvest

1. Recurring expenditure	300-00	1,500-00	1,80,000-00
2. Cultivation expenses	1,740-00	8,200-00	9,84,000-00
	1,940-00	9,700-00	11,64,000-00

16. TOTAL OF EXPENDITURE OF 4 HARVESTS FOR THE SECOND CROP CYCLE.

	Per Acre	Per Plot	For 120 plots
1st Harvest 2 years expenses	3,560-00	17,800-00	21,36,000-00
2nd Harvest	1,940-00	9,700-00	11,64,000-00
3rd Harvest Repeat	1,940-00	9,700-00	11,64,000-00
4th Harvest Repeat	1,940-00	9,700-00	11,64,000-00
TOTAL expenses during the 2nd Crop Cycle.	9,380-00	46,900-00	56,28,000-00

17. RETURNS

(Figures are reproduced from the previous crop cycle wherever necessary)

COMPUTATION OF PROFIT FROM ALL HARVESTS DURING THE SECOND CROP CYCLE OF 5 YEARS.

	Per Acre	Per Plot	For 120 Plots
a) 1st Harvest	7,500-00	37,500-00	45,00,000-00
Less expenditure for the first 2 years	3,560-00	17,800-00	21,36,000-00
	3,940-00	19,700-00	23,64,000-00
b) 2nd Harvest	6,500-00	32,500-00	39,00,000-00
Less expenditure for 3rd year	1,940-00	9,700-00	11,64,000-00
	4,560-00	22,800-00	27,36,000-00
c) 3rd Harvest	5,500-00	27,500-00	33,00,000-00
Less expenditure for the 4th year	1,940-00	9,700-00	11,64,000-00
	3,560-00	17,800-00	21,36,000-00
d) 4th Harvest	4,500-00	22,500-00	27,00,000-00
Less expenditure for the 5th year.	1,940-00	9,700-00	11,64,000-00
	2,560-00	12,800-00	15,36,000-00

18. PROFIT AND LOSS ACCOUNT

(During the 2nd Crop Cycle)

Fruits 28,800 Tonnes (as per previous crop cycle)	Rs.1,44,00,000-00	Gross returns as per previous crop cycle.
	56,28,000-00	Less expenditure as per statement No.16.
NET PROFIT	Rs. 87,72,000-00	

b) TOTAL INCOME FROM ALL HARVESTS (NET) DURING THE SECOND CROP CYCLE, AREA-WISE

	Per Acre	Per Plot	For 120 plots
1st Harvest	3,940-00	19,700-00	23,64,000-00
2nd Harvest	4,560-00	22,800-00	27,36,000-00
3rd Harvest	3,560-00	17,800-00	21,36,000-00
4th Harvest	2,560-00	12,800-00	15,36,000-00
	14,620-00	73,100-00	87,72,000-00

c) Net Income for the second crop cycle spread over 5 years with 4 crops.

	Per Year	For 5 years
1. Net Profit for the Project	17,54,400/-	87,72,000-00
2. Net Profit per Plot	14,620-00	73,100-00
3. Net Profit per Acre	2,924-00	14,620-00

This is how the profits are derived during the Second Crop Cycle.

19. FINANCIAL REQUIREMENTS

The financial requirements of the Society during the first phase programme are as under:

a) Rs.16,56,000-00	As per Statement No.3 for Non-recurring expenditure such as land development, buildings, machinery, etc. This amount could be repaid by the end of the first crop cycle period, in four instalments, the first commencing from the 3rd year.
b) Rs. 3,60,000-00	As per Statement No.5 for recurring expenditure for two years.
c) Rs.28,92,000-00	As per Statement No.6(a) for cultivation expenses to advance to the Members. This amount will be repaid as computed in Statement No.11, after 2 years, by the end of first harvest.
Rs.49,08,000-00	

TOTAL REQUIREMENTS SAY RS.50,00,000-00.

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